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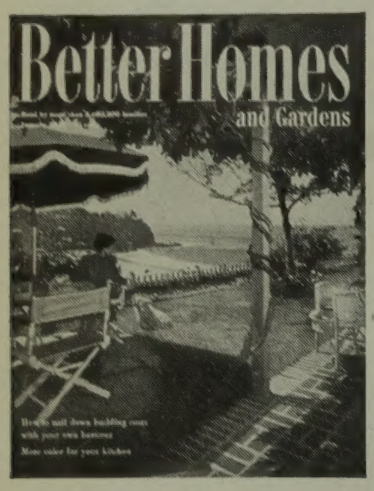
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Better Homes and Gardens

JANUARY, 1949

Volume 27, Number 5



Cover photograph of M. Chaffin garden, Emerald Bay, California, by Maynard Parker. See story of garden on page 124

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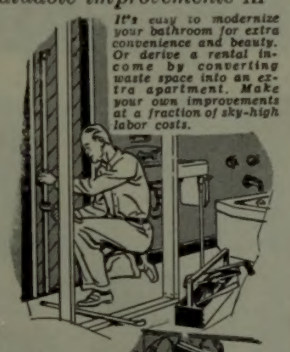
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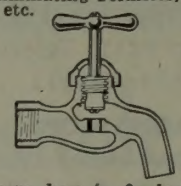
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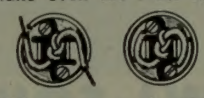
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- Lacquers, Shellac
- Calcimine
- Mixing Paints
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- Removing Paint
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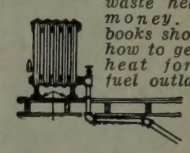

(Above) A simple little trick like knotting the wire inside extension plugs can save you severe burns, blown-out fuses and fire hazards.

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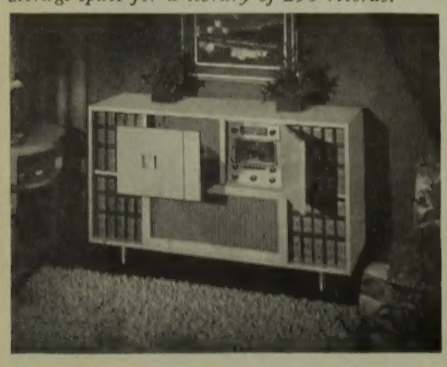
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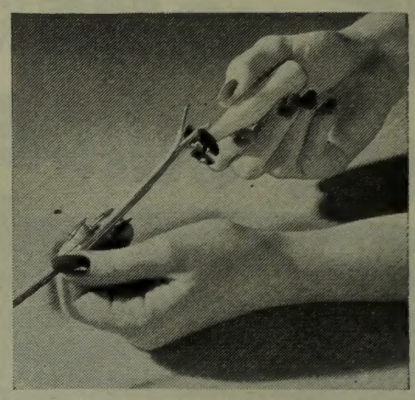


The Berkeley Radio-Phonograph with Duomatic Changer, $375. Companion television receiver available in matching cabinet.

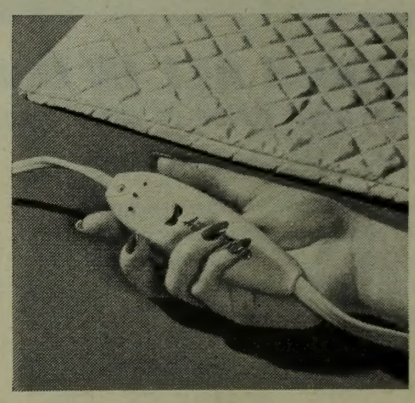


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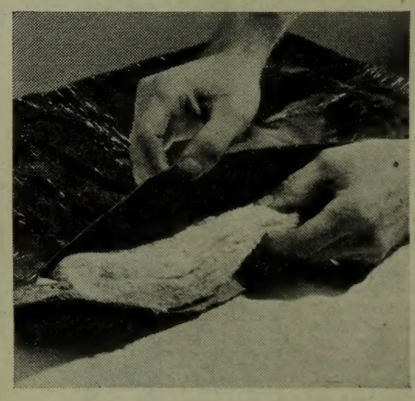
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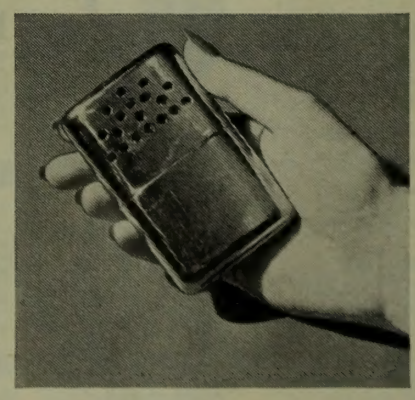
Wire stripper cleans insulation off either solid or stranded electrical wires. Three sharp-edged slots handle wire from size 12 to 22—or from television cables down to the finest house wiring. With a wire stripper, you have no excuse for dulling knife or scissors blades removing insulation. *Quick Strip Wire Stripper* is 79c in stores or ppd. Jaco Products, 6408 Euclid Ave., Cleveland 3, Ohio.



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Double-action insulation for your home combines two insulating materials: cotton to insulate against conducted and convected heat, and aluminum foil to resist radiant heat. Cotton fibers are treated to keep their resiliency and resist fire and vermin, then are enclosed in aluminum foil which acts as a vapor barrier. Aluminum foil-backed cotton insulation comes in a blanket, 18″ wide; about 9c per square foot, at building supply dealers. National Cotton Council of America, P. O. Box 76, Memphis 1, Tennessee.



A hand warmer for mitten or pocket keeps your hands comfortable on the coldest day. The warmer utilizes benzine lighter fluid or naphtha, radiates heat without flame for more than 24 hours on one filling. You'll wish you'd had this one during the football season. *Jon-E Hand Warmer*, $3.50, in stores only. Aladdin Laboratories, 419 S. Sixth St., Minneapolis 15, Minnesota.



Roost your rubbers or galoshes on their own private door mat and let them drip dry. The mats are shaped to fit a pair of rubbers, any size; raised edge keeps the floor clean while ridges encourage drainage and quick drying. Use for the family's overshoes, and keep some *Rubber Roosts* by the door for guests' footwear, inside where it's warm. *Rubber Roosts* are $1.35 each or 3 for $4, in stores or ppd. Harry David, 818 Chippewa Ave., St. Paul 7, Minnesota.

Hose clamp fastens laundry hose to tub so you needn't waste time by holding the hose in place while the tub fills. Nor can the hose slide loose to drench you and the basement with hot water. Slip the end of the hose thru top hole, snap clamp on edge of tub. *Rite-Hose-Clamp* is steel, cadmium-plated, with strong spring. In stores or ppd., 79c. A. H. Boys Distributing Co., P. O. Box 1462, Des Moines, Iowa



Deep-fat fryer with automatic heat control turns out French-fried foods and doughnuts done to a queen's taste. High or low heat is available for foods of varying moisture content. Pilot light burns red when fat reaches the right temperature. Heat is applied to sides of fat container, eliminating scorched settlings. Container holds up to 3 pounds of fat, may be stored in refrigerator after fat has cooled. For AC only, the *Marion "40" Deep Fryer*, with white porcelain base, is $24.95, in stores only. Rutenber Electric Co., Marion, Indiana.



Wash your hands without water, in your workshop, on the road, or after gardening. Chemically treated cloth wipes off grease, ink, paint, or dirt. The chemical lasts indefinitely, is harmless to hands and leaves a slight protective film on the skin. Carry the cloth in the glove compartment to keep your hands clean when you drive. *Cadie Hand Cleansing Cloth*, 50c in stores or ppd. Cadie Chemical Products, Inc., 549 W. 132nd St., New York 27, New York.



Bathroom living at its best is provided by a convenient, recessed shelf. If yours is a family of bathroom relaxers, they'll appreciate the convenience of having magazines, cigarettes, and ash tray within easy reach. The fixture has a chrome-plated exterior and neutral enamel interior; 15"x20½" outside measurement. *Family Hospitality Fixture*, in stores only, $16.95. House of Hospitality, Box 254, North Hollywood, California.



News not pictured

Glass curtains now may really be glass: *Fiberglas* yarns are woven into fine marquisette to give you stretchproof and shrinkproof curtains that resist wrinkling, repel water and soil, and launder like magic. Rehang curtains while they're damp and they need no stretching or ironing, but fall into place crisply. *Fiberglas* curtains stitch up just like standard fabrics into panels, pleats, or ruffles. Inquire at dealers who handle F. Schumacher & Co., J. H. Thorp & Co., Inc., or Thortel Fireproof Fabrics curtain materials.

Closet lights switch on and off automatically with *Lit-Switch* installed at the top of the door. Ratchet plate fastens on doorframe, attaches with metal cords to pull chain on light fixture. Trip plate on the door turns ratchet as door moves, thus pulling chain to work the light switch. Keeps closet lights turned off when not in use. No wiring is necessary. *Lit-Switch* is 89c, in stores or ppd. Vocar Mfg. & Sales Co., 333 N. Michigan Ave., Chicago 1, Illinois.

Nylon carpeting for luxurious living and long wear is available in two different patterns. The entire pile of the carpeting is nylon, mothproof and dirt-resistant. Preshrunk, the carpet may be laundered by competent cleaners with excellent results. Nylon is resilient, so these carpets resist pile pack and wear over many years. The *Splendante* embossed pattern and *Corique* plain carpet are both available in Elfin green, Seaspray green, Sahara beige, beige, platinum, and Pelican gray, at about $45 to $50 per square yard, from dealers only. Nye-Wait Company, Inc., Auburn, New York.

Shirley Talbott's smile wins title —"America's Loveliest Model"





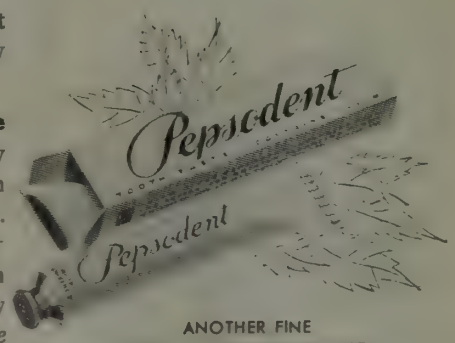
Shirley Talbott, Conover Model, had just made her professional debut when she was named "America's Loveliest Model" in a nationwide contest conducted by a Washington, D. C., girls' club. A year later, she dazzled the beauty judges again to become "America's Dream Girl."

But one successful career isn't enough for Shirley. She is studying dramatics, now . . . looking toward the stage and screen. Wherever her career takes her, Shirley's winning smile will never be outsparkled—it's a Pepsodent Smile! "I brush my teeth with Pepsodent Tooth Paste twice a day," Shirley says. "That's one beauty rule I never break!"

The smile that wins is the Pepsodent Smile!

Shirley Talbott knows it. And people all over America agree—the smile that wins is the Pepsodent Smile! They've seen how Pepsodent removes the film that makes teeth look dull—uncovers new brightness in their smiles!

Wins 3 to 1 over any other tooth paste—families from coast to coast recently compared delicious New Pepsodent with the tooth paste they were using at home. By an average of 3 to 1, they said New Pepsodent tastes better, makes breath cleaner and teeth brighter than any other tooth paste they tried. *For the safety of your smile use Pepsodent twice a day—see your dentist twice a year!*



ANOTHER FINE
LEVER BROTHERS PRODUCT

Buried under scorchy pans?



Stop sloshing around messy, scorchy pans with a limp dishrag! Get out Brillo—and clean pots and pans shiny-bright!

Shine 'em quick with

BRILLO



Quick 'n easy! That's how a spunky Brillo *pad-with-soap* works! Neat! This square metal-fiber pad *whisks off* cooked-on food and scorch. Makes your pots and pans sparkle—clean and bright as new. Use Brillo every day!

There's jeweler's polish in BRILLO!

Keep your pans gleaming as the day you bought 'em—with Brillo! Brillo soap contains polishing ingredients that jewelers use to shine their precious metals!

GREEN box—pads and cake soap
RED box—soap-filled pads



Shines aluminum fast!

Help yourself to better-looking bookshelves

By Margaret Montgomery

A FAIRLY good-sized collection of books, unusual knick-knacks, and—if you like—several growing plants can add up to a handsome bookshelf arrangement. Bookshelves handsomely arranged can add warmth and friendliness to a room. It's not just the number or titles of the books that makes them an asset. It's how you arrange the books and how you fill the open space between them. Study the right and wrong pictures below—then see how much difference rearranging books and knick-knacks can make in your own home.



Wrong

Bookshelves like these add nothing to your room because there's no balance in the over-all arrangement of books and knick-knacks. That's not all that's wrong: (1) Large books on upper shelves seem to push down smaller books beneath them. (2) Dresden figure is lost in an end spot on a crowded shelf. (3) Set of small books broken up and divided between three shelves. (4) Magazines 'way up there only catch dust. (5) Wide open spaces are catchalls for cameras and ash trays. (6) Books are put in willy-nilly so they give the rows a picket-fence look. (7) Small brass and copper pieces don't have the weight to give the shelves a firm foundation. (8) Picture over the desk is too small and colorless to contribute anything to the bookshelves.

Photographs: James Bavne



Right

Better balance of small and large books and knickknacks makes a big difference. Stacks of magazines on one bottom shelf and bulky books on the other give the shelves a solid, substantial-looking base. Small books are arranged together on higher shelves—and that set is in one place now. Lighter-scaled decorative pieces near the top and more massive pieces toward the center of the shelves form a pleasing pattern for the eye to follow. Notice how the line of that pattern leads your eye into the center of the shelf unit. Two containers of greens, arranged with pottery and brass candlesticks, help fill bookless spaces and balance one another on either side. The larger picture between the shelves dramatizes the whole setting.

NOW A *Trial Membership* CAN BE OFFERED TO YOU!

YES, YOU MAY NOW OBTAIN BEAUTIFUL, *beautiful* BOOKS

LIKE THESE FOR THE SAME PRICE AS AN ORDINARY NOVEL

For a period of six months only, you may TRY OUT *this cooperative plan by which you obtain a unique collection of the world's classics, especially illustrated by the world's great artists, well-printed on permanent papers— for the same price as rental library fiction!*

ONE YEAR AGO, you couldn't have done it! One year ago, there were no vacancies in the membership of The Heritage Club. Because we had to know in advance how many books to make for the members, at that time we decided that we would accept only twenty-five thousand applications. But 27,788 applications came in. So 2,788 people were disappointed.

The reason for this gratifying success? Perhaps it is because it is all too seldom that such an honest value comes to those who love beautiful books.

The Heritage Club distributes to its members "the classics which are our heritage from the past, in editions which will be the heritage of the future." These books are not "de luxe," nor are they old editions dressed up for a new market. They are especially designed by the most famous typographers, illustrated by the greatest of the world's artists, carefully printed by leading printers on fine papers chemically tested to assure a life of at least two centuries, handsomely bound and in slip-cases.

And the members obtain these books for the same price which they are called upon to pay for ordinary novels! Despite increases of 100% in the costs of manufacturing, each member is called upon to pay only $3.65 for each book—or only $3.28 if he makes payment in advance!

NOW, AND for the remaining six months of our publishing year, we have decided to increase the membership. This month just one thousand new members will be enrolled, upon a Trial Membership basis. If you apply for one of these Trial Memberships (and in time to get one of them!) you will during the coming six months obtain these books:

Robinson Crusoe, the complete and adult text, illustrated with wonderful water-colors by Edward A. Wilson; *The Song of Songs,* each copy hand-illuminated with pure gold by Valenti Angelo; *Wuthering Heights,* illustrated with lithographs in color by Barnett Freedman, and *Jane Eyre* as a companion volume; *The Decameron of Giovanni Boccaccio,* amusingly illustrated with woodcuts by Fritz Kredel; *Lorna Doone,* illustrated with water-colors by the great English artist John Austen.

Yet, if it should happen that you do not desire to have any one of these books, there is a list of a dozen Substitution Titles.

These books will be treasures in your home, books you will be proud to own, books you will exhibit to your friends with pride. They are the books which one reads and re-reads.

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SPEAKING OF GIRLS . . . We'd like to recommend this one. She's calm. She's courteous. She's competent. Her job is to get your call through, quickly and accurately, wherever you want it to go. She's one of 250,000 girls who help to give you good service, day and night, seven days a week. She's your telephone operator . . . **Bell Telephone System.**

How-to for the handy man

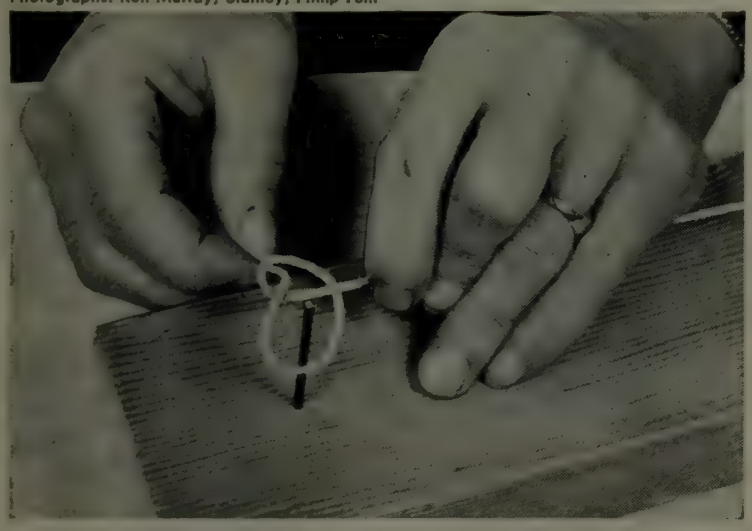


Stepladder bumper. If you split a piece of rubber hose and slip it on the rear edge of your stepladder's top, the ladder will not mar woodwork it rests against. You may have to notch the lower edge of the hose so it will fit.



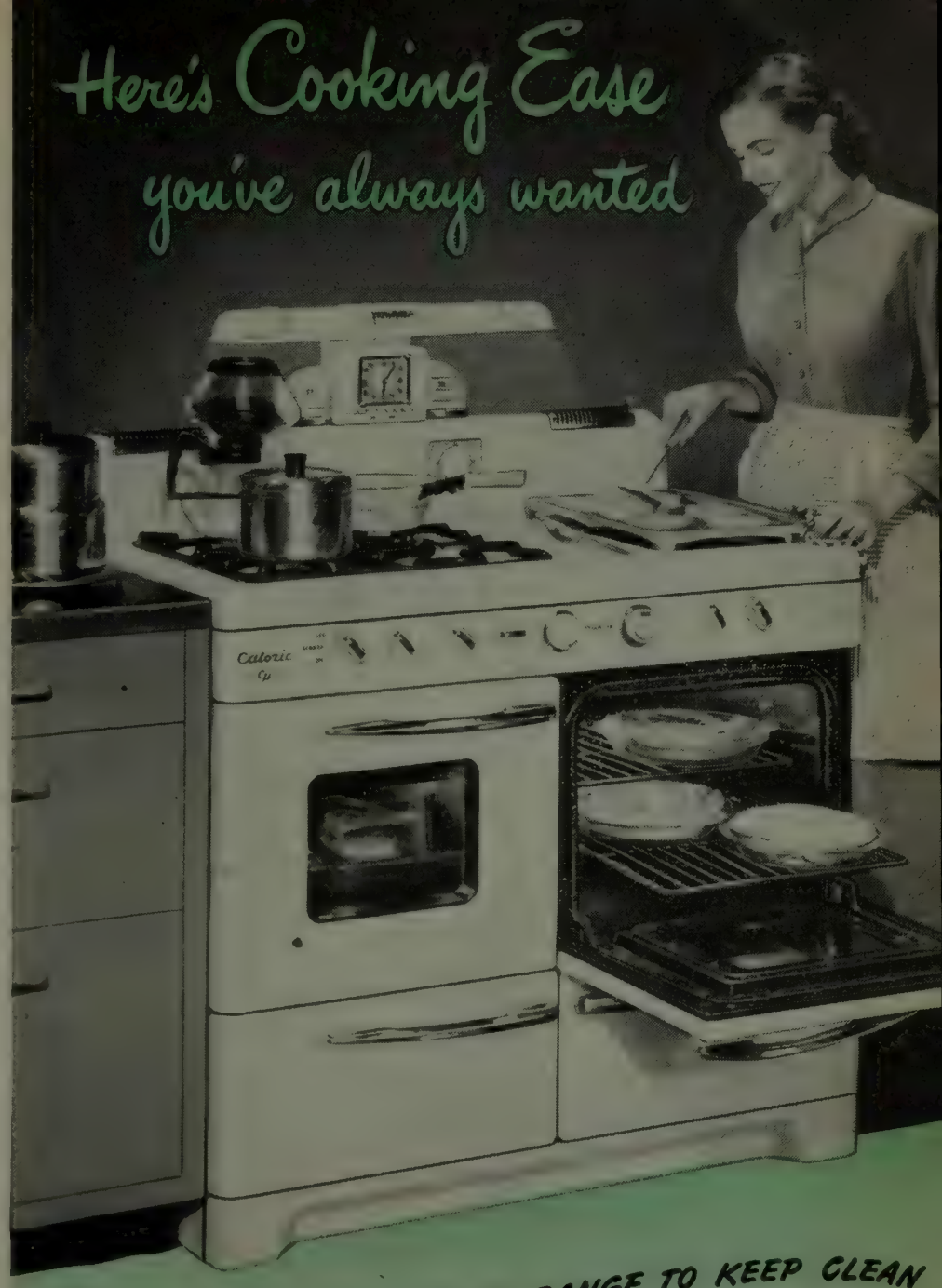
Uses for a magnet. A horseshoe magnet is handy for picking up spilled nails and tacks. And it will keep tacks under control as you use them. Because a magnet attracts only ferrous metals, you can use it to determine whether hardware is solid brass or brass-plated steel. In the picture, a brass screw was left, a steel screw pulled away.

Photographs: Ken Murray, Stanley, Philip Fein



Knot for taut line. To hold tension with one hand and tie the end of a taut chalk line or level line with the other, use this simple loop knot. Form the loop with free hand, then roll line toward other hand with thumb and forefinger. Loop will flip over the nail. Without releasing line, pull loop tight and repeat knot two or three times.

More on next page



AMERICA'S EASIEST RANGE TO KEEP CLEAN

— a style and price for every need

Cooking's joyously easy on the new Ultramatic Caloric.

Flavor-Saver Dual Burners "measure" heat, stop potwatching, protect vitamins, save gas. Guaranteed for life.

Flame-broiling's no bother. Veri-Clean Broiler removes completely, washes in your sink. Seamless porcelain enamel.

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Dealers listed under CALORIC in Classified Telephone Book.

Caloric Stove Corporation, 1204 Widener Building, Philadelphia 7, Pa.

6-Burner (main illustration), 1 or 2 ovens—40"



4-Burner Divided Top 40" or 36"



4-Burner ClusterTop 40" or 36"



COMPACTO Space-saver 21" wide

Specially engineered models for LP-Gas users beyond city mains. Every model can include CP features if you desire.

Ultramatic Caloric Automatic Gas Ranges

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or Greater Comfort with Less Fuel

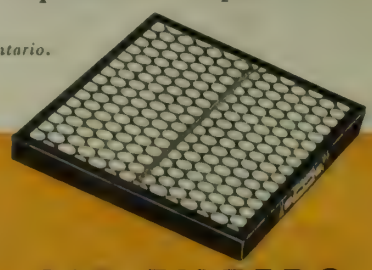
PLACE DIRT-CLOGGED FURNACE FILTERS!

ld wintry blasts should hold no fear for you lucky owners *modern warm-air* heating systems. Nor fuel shortage, nor h fuel costs . . . provided you get *all* the heat your cient furnace is capable of delivering.

t takes but little to keep your system operating at top ciency—often only the changing of your DUST-STOP Filters. s a big job those filters do, cleaning dust and lint from a mful of air every few minutes. Small wonder they become t-clogged, requiring replacement once or twice a year!

New DUST-STOP Air Filters can save more than they cost fuel bills alone. And they will help keep your home cleaner well as warmer, protect costly furnishings and decorations. Contact your dealer and order new DUST-STOP Air Filters lay. Your furnace repairman or hardware dealer can supply em. Owens-Corning Fiberglas Corporation, Department 00, Toledo 1, Ohio.

In Canada: Fiberglas Canada Ltd., Toronto, Ontario.



DUST STOP* AIR FILTERS

—a FIBERGLAS* product

The handy man

Begins on preceding page



Tinted weatherstripping. To tint plastic calking compound, so it will harmonize with its surroundings, knead in a little concentrated dry pigment. If you want to color ordinary putty, however, mix it with color ground in oil.



To load calking gun. You can save money by using bulk calking compound in your gun. To load, hold the open end (with tip removed and plunger full forward) about half an inch into compound. Pull steadily up on plunger. Use gun-grade compound, don't let cylinder lift out.

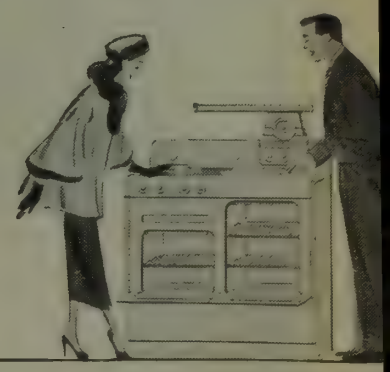


Smooth mortise. To cut a smooth mortise for a hinge, try this. After marking cut, drive a straight chisel cut to the right depth at each end. Then hold chisel, bevel side down, at the angle shown, and work back, driving repeated cuts a little shallower than the mortise depth. Space cuts $\frac{1}{8}$ to 3/16 inch apart. When the entire mortise is chipped, rake out chips with your thumb or claws of a hammer. Then trim the bottom of the mortise true with the chisel held flat. The tool used here as a mallet is a sailor's fid, a long wooden teardrop made of maple.



Want to bake and broil at the same time in your new electric range?

Ask your Frigidaire Dealer to show you how—
in the electric range that has proved itself by performance
in hundreds of thousands of American kitchens!





You'll be delighted with the added convenience of so many automatic features.

Cooking tricks like baking and broiling electrically at the same time are no trick at all—and your Frigidaire Dealer will prove it to you! Just ask him to put the *double-oven* Frigidaire Electric Range through its paces for you. See how the two Even-Heat Ovens make cooking twice as simple for you—get dinner ready double-quick.

You can be baking hot breads or pastries in one oven while you're broiling meat in the other. Or, if guests are numerous, you can broil or bake or roast a double quantity of food in both ovens.

These Even-Heat Ovens with extra thick insulation are a joy to behold—and to keep clean. Exclusive Evenizer assures even heat distribution. The smooth porcelain-finished surfaces and rounded corners are real work-savers. You can slide t adjustable shelves all the way o without tipping—automatic sto prevent accidental withdrawal.

Visit your Frigidaire Dealer todo —let him show you why all 7 mode of the Frigidaire Electric Range a the finest in all Frigidaire histor See the special advantages describe below—and many others. Ask for demonstration, too, of other Frigi aire appliances for better kitchens an laundries, including the Frigidai Refrigerator, America's No. 1 Refri erator, and the Frigidaire Automat Washer, with Live-Water actio

Find dealer's name in Classifie Phone Directory. Or write, Frigi aire Division of General Motor Dayton 1, Ohio. In Canada, Le side 12, Ontario.

Listen to Frigidaire's New Lum and Abner show, Sunday nights.
See newspaper for time, station.

FRIGIDAIRE
Electric Ranges

The Triple-Duty Thermizer leads a busy life. First, it serves as a deep-well cooker for soups, stews, pot roasts. Second, it's a small oven for baking or warming. Third, it gives you an extra surface unit instantly when needed.

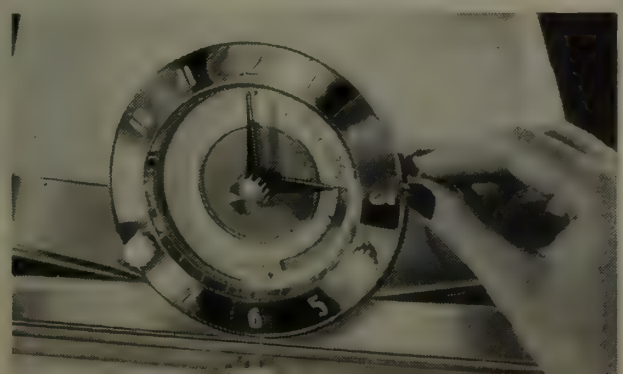


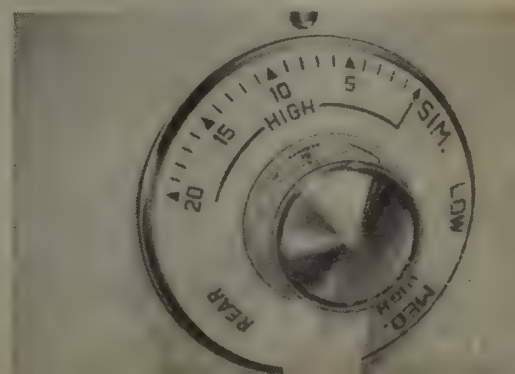
Radiantube Surface Cooking Units are exclusive with Frigidaire. They're instant-heating—and give you your choice of five practical, controlled heats. A porcelain-finished, easy-to-clean bowl rests under each unit—reflects heat upward.

The Cook-Master Oven Clock Control lets you walk right out on cooking any afternoon. You just put things in the oven, move two knobs, and flip a little lever—oven turns on at the right time, turns off automatically when cooking's done.

The Thrifto-Matic Switch is an automat current-saver—it keeps the Thermizer speedy "High" heat up to 20 minutes, the automatically lowers heat to a thrift "Simmer." Just set it and forget it.









Mueller Climatrol *Modular Furnaces

- a new idea in home planning!

Now you combine modular units to fit your exact needs and budget

Here's good news! *You can plan heating just the way you want it, and just the way you can afford it* — with Mueller's exclusive new *modular* design. Each basic unit (from burner to summer air-conditioner) is designed to fit each other unit in any combination.

Here's what this amazing flexibility means: You can install a modern Mueller Climatrol year 'round heating and air-conditioning system complete at one time. *Or you can build it a step at a time, adding each modular unit as you wish.* For instance:

1. You can start with an efficient Mueller Climatrol gravity furnace.
2. You can equip it with a burner for gas or oil as you choose. If you want to change fuels later, simply change burners.
3. Then add a blower-filter unit and you have a Mueller Climatrol winter air-conditioner (as illustrated above).
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Mueller's ninety-two years of specialized experience stand behind this important advance in home-heating design. Ask your Mueller Climatrol dealer for complete details today. And plan modern, fuel-thrifty home comfort for your family with the new Mueller Climatrol *modular* line. *L. J. Mueller Furnace Company, 2073 W. Oklahoma Ave., Milwaukee 7, Wisconsin.*

• • •

**Modular furnaces* are composed of units designed and manufactured to standardized sizes and types. Each fits all others in any combination you choose. You can change or expand your combination as you wish.

MUELLER Climatrol



Radiators can be attractive

By Mary Allen Fagen

DO YOUR radiators seem to jump right out of their corners at you? They needn't. Painting them the color of your walls or woodwork will make radiators less noticeable. And using the space over them for shelves will make radiators more attractive. Just be sure shelves are at least three inches above the radiator so hot air can flow freely. These pictures show how Mrs. Richard Rollins of Des Moines, Iowa, keeps her radiators in their places.



Bookshelves—built well above the radiator so bookbindings won't dry out—make a colorful wall in a narrow hall. Space seems furnished yet the traffic lanes are left open by the recessed shelves and radiator

Photographs: Stanley



Wide magazine shelf over the living-room radiator makes use of space that's often wasted and turns one corner of the room into a miniature study. Shelf blends with the woodwork and helps frame the window view



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Our illustrated booklet, "A Quality Home Can Cost Less" shows you where to use lower-priced lumber when you build... while retaining every feature that makes wood America's favorite home-building material. Packed with information for today's economy-minded home builder.

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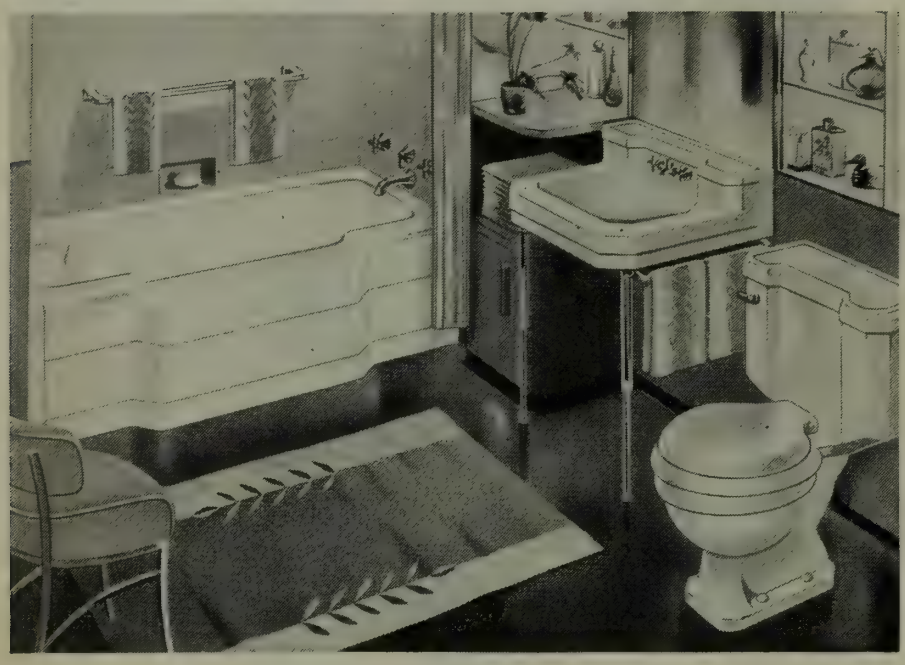
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MAKERS OF FINE PLUMBING FIXTURES SINCE 1904

ELJER





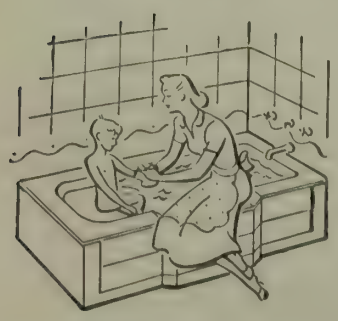
"Here's something I've learned . . ."

"Harry and I lived in enough houses to find out that there is a big difference in plumbing fixtures. Our own new bathroom and kitchen are Eljer-equipped and one of the first things I've learned is that these are the easiest fixtures to keep sparkling clean! Just the swish of a damp cloth does it . . . and Harry says the way they are made means they will stay bright and new looking for a lifetime."

Eljer bathtubs have a rugged, rigid, cast-iron base that makes possible a smooth, extra-thick coating of glass-like enamel. And Eljer Vitreous China Fixtures *just naturally* resist stains and are impervious to all ordinary acids—because they are real china.

For Eljer fixtures in white or pastel shades, see your plumbing contractor or write Eljer Co., Box 192, Ford City, Pennsylvania.

CONVENIENCE AND SAFETY



Eljer's Legation Bath features an integral end-seat and a wide, front-rim seat, only 16 inches high . . . . easy to step in or out and ideal for bathing children. Tub interior is full size, yet requires no extra space. Bottom is flat, for safety's sake.

ELJER CO. FACTORIES AT: FORD CITY, PA., SALEM AND MARYSVILLE, OHIO, LOS ANGELES, CALIF.

HOW NOT TO

SO YOU'RE a worrier? Well, why do you worry? You may *think* it is because of your problems and troubles. Actually, psychological studies show that nothing could be farther from the fact. Your problems have little if anything to do with your worrying. All worriers cherish the delusion that when they have resolved all their difficulties, their worries will be over. *They won't be over*—in fact, they won't even diminish until you begin to realize *that chronic worry is not caused by problems and difficulties.*

Pick out any habitual worrier at random. Take his troubles off his shoulders; solve them one by one. Straighten out every one of his problems, so that he hasn't a care in the world. What happens then? Just this: In the absence of *real* things to worry about, he *dreams up* things to fret and stew over; actually conjures them out of thin air. Or else he develops a morbid anxiety about remote contingencies—which haven't one chance in a hundred of coming about.

A LEADING psychologist has a number of charity patients. One of them—we'll call him Mr. Jones—was an inveterate worrier. And his state of mind was slowly but surely undermining his mental and physical health. He had nervous indigestion, insomnia, and so on. Jones, however, had a "reason" to worry. He worried about money. When the psychologist suggested that his chronic worrying might actually have nothing to do with his financial situation, the man became highly incensed.

"Are you suggesting," he protested incredulously, "that I worry about *nothing?* That's the most ridiculous thing I ever heard. I worry about one thing: money. And that's all there is to it. When my financial situation clears up, I'll have nothing to worry about—and I'll stop worrying. But until it does, I can't help it."

The psychologist wanted to ask him if he hadn't worried just as much before his earnings had diminished, but he didn't get to. For Mr. Jones, thoroly indignant, had stormed out of his office.

SOME months later, this gentleman received an unexpected windfall. It wasn't a fortune, but it would endow him and his family very comfortably for the rest of their lives. A short time afterward, however, he was back in the psychologist's office—this time as a paying patient. "I'm sorry about the way I acted," he apologized, "but you've just *got* to help me. My nerves are worse than they've ever been. My doctor tells me there's nothing organically wrong with me—but I can't eat; I can't sleep; I can't relax."

The psychologist nodded as he studied his patient's face. The

10 ways to worry less

1 Don't think of problems as difficulties; think of them as *opportunities for action.*

2 After you've done your best to deal with a situation, avoid speculating on the outcome. Forget it and go on to the next thing.

3 Keep busy. Keep the 24 hours of your day filled with these three ingredients: work, recreation, sleep. Don't allow yourself time for abstract thinking.

4 Don't concern yourself with things you can't do anything about. Armchair generals don't win battles, but they do have nervous breakdowns.

5 For the time being anyway, eliminate daydreaming completely. Stop building air castles.

6 Don't procrastinate. Putting off an unpleasant task until tomorrow simply gives you more time for your imagination to make a mountain out of a possible mole-

WORRY

By John E. Gibson

telltale lines etched by chronic tension and anxiety were even deeper than before. "But, Mr. Jones," he said wryly, "I understand that the condition you were worried about no longer exists. You were worried about *money*—period. Isn't that right? Now you're financially independent. What can you possibly have *now* to worry about?"

"You're laughing at me, doctor," Jones protested. "But it's no laughing matter. I *am* worried—desperately so. I'm worried about the investments I've made. In these times it's hard to be sure of anything. And if something should happen, we could be wiped out."

"MR. JONES," said the doctor gravely, "I could advise you to convert your investments into government bonds and put them in a safe-deposit box. I *could* advise it, but I'm not going to—because it wouldn't do the slightest good. You'd simply transfer your worry to something else—your health, your children, or your wife's affections. The list is endless. No worrier ever ran out of ammunition.

"Chronic worry is a state of mind which results when your inner sense of security is lacking. Often we are not consciously aware that we lack this inner confidence in ourselves. But we seek to rationalize this insecure feeling by attributing it to some outside cause—such as our financial situation, our health, our social standing in the community, and so on."

A glimmer of understanding flickered in the man's distraught eyes. "But," he said, "how are you going to help me?"

"By getting to the *basic cause* of your worry processes—which are rooted in your inner sense of insecurity. And then by showing you how to completely rebuild your confidence in yourself."

"How long will this take?"

"It depends entirely on yourself. If your case were not so far advanced, you could do the job yourself—once you understood the principles. As it is, your self-confidence is at such low ebb that you need outside help—at least to get you started."

SCIENCE has long known the insidious havoc that worry plays—both mentally and physically; that it produces such severe nervous tension that vital physical processes are upset and glandular functions interfered with. Medical researchers have found it a direct cause of a host of physical ailments, including asthma, high blood pressure, heart disease, eczema, and diabetes. Research at Northwestern University shows that chronic worry can even make you lose your teeth; for Professor Leonard S. Fosdick has found that worry

[*Turn to page 131*

and accomplish more

hill, more time for anxiety to sap your self-confidence. *Do it now, brother, do it now!*

7 Don't pour out your woes and anxieties to other people. You don't want their sympathy—it'll merely make it easy for you to feel sorrier for yourself.

8 *Get* up as soon as you *wake* up. If you lie in bed, you may use up as much nervous energy living your day in advance as you would in actual accomplishment of the day's work.

9 Try to arrange your schedule so you will not have to *hurry*. Hurry, a blood brother of worry, helps shatter poise and self-confidence, contributes to fear and anxiety.

10 If a project seems too big, break it up into simple steps of action. Then negotiate those steps like rungs in a ladder—*one at a time*. And don't allow yourself to think about the difficulties of step number two until you've executed step number one.



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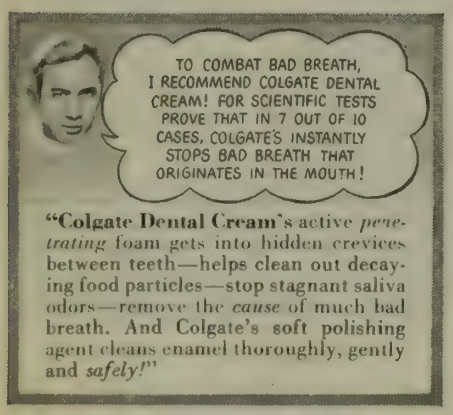
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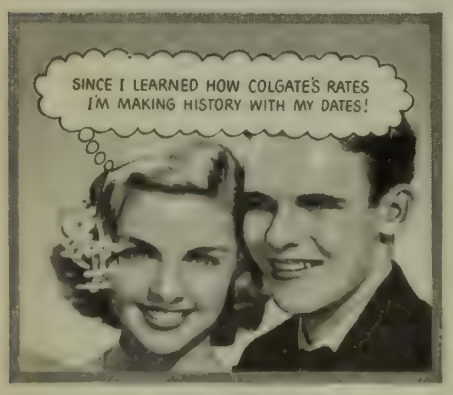






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LATER—Thanks to Colgate Dental Cream



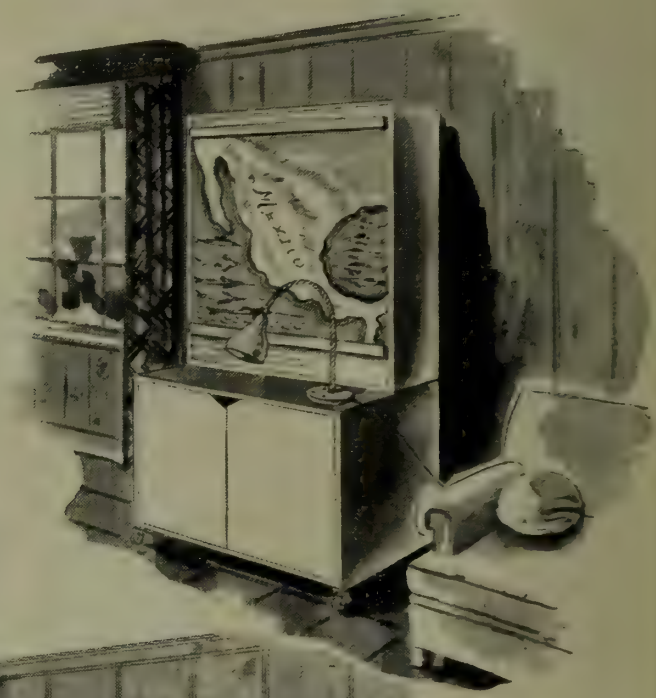


Always use
COLGATE DENTAL CREAM
after you eat and before every date

Desk-table-cabinet

the unhandy man can build . . .

By Bob Gilmore and Darrell Huff



When this combination unit is closed (right), it seems to be a neat, modern wall cabinet. When it is opened (below), it becomes a desk or dining table. Best of all, it can be put together quickly with a minimum of skill



HERE is a home woodworking project for the man who has never hammered anything but his left thumb, and never made anything tougher than his point in an argument.

It is a combination desk, dining table, and storage cabinet. It is quick, easy, and quite inexpensive to build, and it would be a valuable addition to practically any home.

Most lumber dealers can supply all of the materials needed. Even the man who hasn't so much as a hammer and saw can buy all of the tools needed for less than a 10-dollar bill.

This unusual piece of furniture is made in two matching sections. One stands on the floor; the other hangs on the wall above. In use, the front of the hanging section hinges down on the base, which is pulled out from the wall so it will support the hinged section.

The lower section is a cupboard for storing almost anything. The upper section provides a desk top or table, plus a set of shelves for books, stationery, or dishes. *Turn to page 20*

How to get fine beef every time...



WHATEVER THE CUT you're buying—round steak for the family or a lordly rib roast—there's a way to be *sure* of tenderness and fine flavor. Just buy your beef by a Swift brand name, the way you buy America's favorite ham and bacon. *Swift's Premium*, *Swift's Select*, *Swift's Arrow* . . . these are the three top brands. Right on the meat, they identify pick-of-the-market beef, selected for best eating by men who really know. Now especially when every bite counts, your best buy is the beef you can depend on for quality every single time—Swift branded beef!



Just look for a Swift brand:

SWIFT'S PREMIUM, SWIFT'S SELECT or SWIFT'S ARROW

right on the meat!

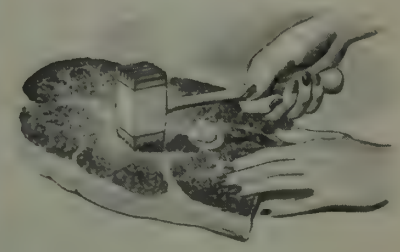


THRIFTY THOUGHTS ON ROUND STEAK

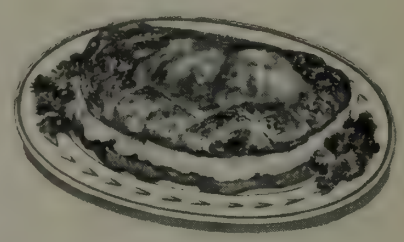
by

Martha Logan

Swift's Home Economist



STEAK BRAISED THIS WAY will be more richly flavored and tender. Cover with seasoned flour; pound with meat hammer or edge of heavy saucer till all flour is absorbed. Brown both sides in hot fat in heavy skillet. Add small amount of water. Cover; cook slowly (or bake at 350°F.). Add water *sparingly* if needed. Allow about 2½ to 3 hours for braising a 4 lb. round steak.



BRAISED STEAK "SANDWICH" is a one-platter feast. Braise, as above, 2 slices round steak each 1″ thick. Before browning steaks, brown 2 sliced onions in hot fat. Add these to 2 c. cooked tomatoes; pour over browned steak in place of water. Continue cooking the meat as above. Serve sandwich-style, filled with hot mashed potatoes, well seasoned.



STEAK TURNOVERS: Grind leftover meat; add grated raw carrot and a few tbsp. catsup or mushroom soup. Place a spoonful of mixture on squares of rich pastry or biscuit dough. Fold dough over meat; seal edges with fork and bake in mod. hot oven (425°F.). Serve with creamed fresh mushrooms or diluted mushroom soup.



upon Briggs' exclusive Safety Bottom bathtub . . . safer for shower or sit-down bathing.

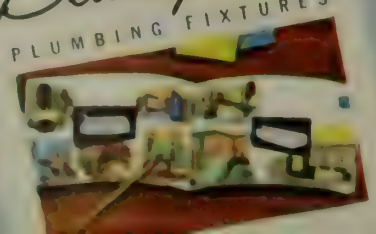
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Desk-table-cabinet

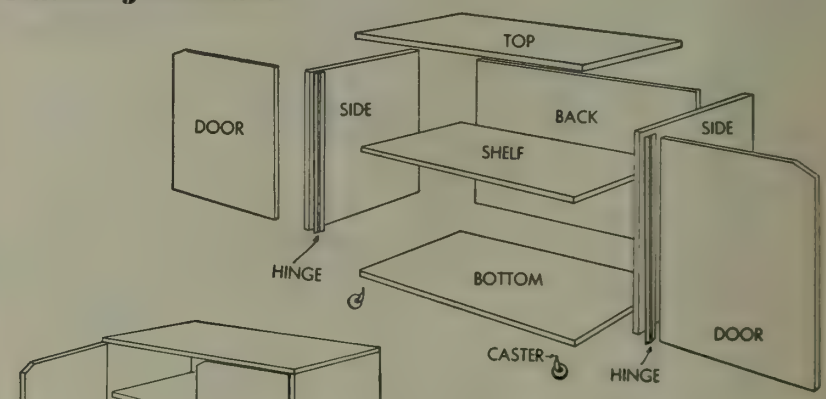
Begins on page 18

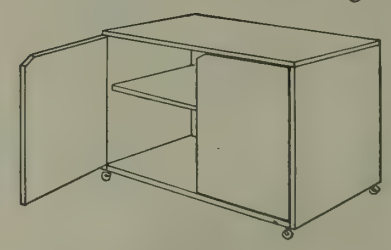
The combination can be used (interchangeably if you like) for many different purposes—drawing table, writing desk, dining space, table for buffet serving, hobby cupboard, games, or you name it.

And for all its adaptable usefulness and storage space, this desk-table-cabinet combination requires only 4 square feet of floor space.

It can be painted, stained, lacquered, or covered with artificial or real leather to match the style of any room. Its clean lines will go well anywhere. In convenience and looks, it is worth a hundred dollars in any home. But you can build it for one-fourth that much.

Building the base





An exploded view of the base section, above, shows how the eight rectangular pieces of plywood go together. Sketch at left shows completed unit

Since the base section is a useful storage cabinet by itself, build it first. It is made out of eight rectangular pieces of ¾-inch fir plywood.

If you have access to a power saw, you can cut these pieces economically out of 1½ plywood panels of the common 3x8-foot size. Otherwise you can saw them by hand, of course; or perhaps you can have them cut to size at the lumberyard.

You'll need these eight pieces:

1 piece, 18 inches by 37½ inches (for top)
1 piece, 16½ inches by 36 inches (shelf)
1 piece, 17¼ inches by 36 inches (bottom)
1 piece, 25 inches by 36 inches (back)
2 pieces, 18 inches by 25 inches (sides)
2 pieces, 17⅞ inches by 24⅛ inches (doors).

You'll need to collect a few other items, mostly hardware, and then you can really get to work:

36 flathead No. 8 wood screws, 2 inches long
2 continuous piano-type hinges, 24 inches long, with one 5/8-inch flathead wood screw for each hole in the hinges
2 friction cupboard catches, little ones to mount inside, to hold the doors shut
Can of wood plastic or wood putty, to cover flaws in the wood or your workmanship
Can of glue, preferably the synthetic resin kind
Few sheets of sandpaper, medium-coarse and fine
Dime's worth of thin finishing nails, 2 inches long
Some tools: saw, square, hammer, screwdriver, drill or brace and bit, countersink bit.

That's all, and you can make do without some of these tools if you don't have them and prefer not to buy them.

Wrap half a sheet of medium-coarse sandpaper around a hand-size block of wood and smooth any rough edges on the plywood, finishing up with fine sandpaper.

The pieces you'll have go together as shown in the exploded sketch above.

On the piece of plywood that is to be the back of the cabinet, draw a pencil line from end to end the long way to mark the position of the shelf. About 15 inches from the bottom is a good distance, but you can vary this to suit the storage purposes you have in mind.

Brush glue along one long edge of the shelf, and nail it to the back. Use only two nails (near the ends), and don't drive them all the way in; you're going to pull them out later.

Now, spaced evenly between the nails, drill two holes for screws. Ream them enough with the countersink bit to take the screw heads, and set the screws. Pull the two nails, drill and countersink the holes, and put two screws where the nails were.

In similar fashion, glue and screw the bottom on, then the sides (mark the sides for the shelf, as you did the back), and then the top. For each joint, use three screws on the sides, four along the back. Hold each joint in place with two nails as you go, placing the nails where they can be removed to let their holes take screws.

Before you mount the doors, cut a 1-inch triangle off a corner of

[Turn to page 23

...ow to double the charm and livability of your home



BLE BEAUTY. That's what you see in any room where a picture window of Pittsburgh Polished Plate Glass adds oor loveliness to indoor charm. Picture windows today are really practical, too...since Twindow, Pittsburgh's window with built-in insulation, protects big window areas from excessive heat-loss and chilly downdrafts.



DOUBLE TROUBLE? Not by a jugful! Not if you have a full-len Plate Glass door mirror in *every* bedroom! Then the boys will l doubly neat, Sister doubly ravishing, while Mother and Dad face critical eyes doubly assured that their appearance is exa correct, from head-to-toe.



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"Silently as nature makes ice," said the ad my Dad read twenty Christmases ago. Here was the *only* noiseless refrigerator! That decided it—a Servel Gas Refrigerator for us!



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No wonder Jane and I went straight to our neig borhood dealer when *we* came to choose *our* n refrigerator. For only Servel has a freezing system w no moving parts at all. No motor or machinery! Jus tiny gas flame does the work, silently, efficiently.

"And what a beauty the *new* Servel is!" says Ja "There's a big frozen food compartment, plenty of cubes. There's moist *and* dry cold for fresh foods."

This story is typical, write Mr. and Mrs. E. A. N of East Orange, N. J., "Our Servel is still running well as it did when it came in 1929. We're migh proud to show it off to friends."



Before you choose an refrigerator

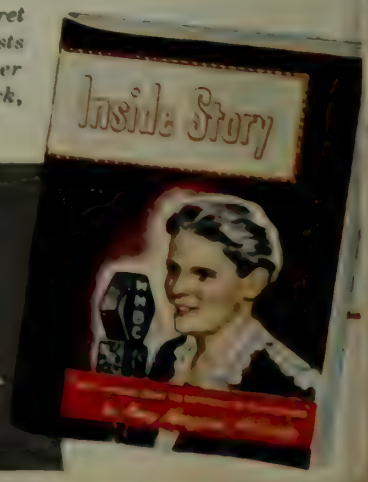
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says Mary Margaret McBrid Famous Radio Reporte

Every new refrigerator *looks* beautiful. But how long will it last? Will it grow noisy and run up repair bills? In her entertaining book "Inside Story," radio's famous Mary Margaret McBride tells what makes the *difference* in refrigerators.

Get your free copy of "Inside Story" at your Gas Company or neighborhood Servel dealer. It's free, no cost, no obligation. Stop in for your copy today.

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The GAS Refrigerator

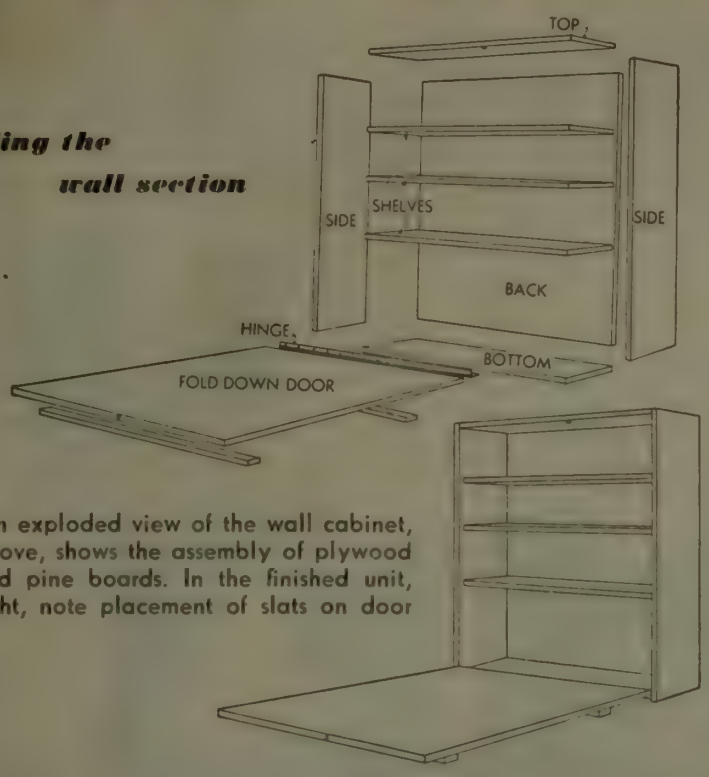
Desk-table-cabinet

Continued from page 20

each, as indicated in the drawings. Then you can open them without pulls. Slip in the hinge, and check the doors for size. Trim a little off the edges if necessary for a smooth fit. Fasten on the hinges, and the cabinet is assembled.

Attach four casters or furniture glides to the bottom, so the chest will slide easily on the floor.

Building the wall section



An exploded view of the wall cabinet, above, shows the assembly of plywood and pine boards. In the finished unit, right, note placement of slats on door

The frame and shelves of the top part of the unit can be built of plywood, too, but 1-inch white pine (or fir or redwood) boards are less expensive and easier to work. Use plywood for the back and the front that hinges down to form the desk surface.

Top, bottom, sides, shelves, and strips can all come from 23 running feet of 1x8-inch pine. This, and one standard 3x8-foot panel of ¾-inch fir plywood will take care of the lumber requirements. These are the pieces you need:

2 pieces of pine, 7⅝ inches by 36 inches (top and bottom)
3 pieces of pine, 6⅛ inches by 36 inches (shelves)
2 pieces of pine, 7⅝ inches by 48 inches (sides)
2 pieces of pine, 1½ inches by 36 inches (strips)
1 piece of ¾-inch plywood, 36 by 46½ inches (back)
1 piece of ¾-inch plywood, 35⅞ by 46⅜ inches (fold-down door).

The pieces of pine for bottom, top, and sides are the full width (7⅝ inches) of what is called 1x8 lumber, so there isn't much cutting to do. Rip enough (about 1½ inches) off three of the 36-inch pieces to make the shelves. Then use two of these ripped-off pieces for strips across the outside of the door.

You'll also need:

42 flathead No. 8 wood screws, 2 inches long
1 continuous piano-type hinge, 36 inches long, with ⅝-inch flathead screws.

Assemble the pieces as sketched. Fasten pieces together with glue and screws at all joints, first nailing them temporarily, just as you did when building the base. Then mount the hinge.

Place the shelves to fit what you want to store on them. One good arrangement is to put the lowest shelf 15 inches from the bottom, to accommodate a portable typewriter in its case, and space the other shelves equally.

Glue and screw the two strips on the outside of the door, about 2 inches from the top and 4 inches from the bottom. They can serve as a frame for any picture or map you may want to mount on the door. The upper one is also a grip to use in opening the door.

Close the door, and mark a point at the center of the top piece, ⅜ inch in from the front edge. Drill a ⅜-inch hole thru the top and down into the edge of the door an inch or so. Whittle a peg from a piece of leftover pine, or use a piece of ⅜-inch hardwood dowel. It should be sandpapered until it drops easily into the hole to keep the door closed, and long enough so that ½ inch sticks out of the top to take hold of. Push a large thumbtack into the center of the top, to keep the dowel from dropping thru the hole when the door is opened.

If the top of the cabinet is beyond your reach, you can substitute friction-type catches.

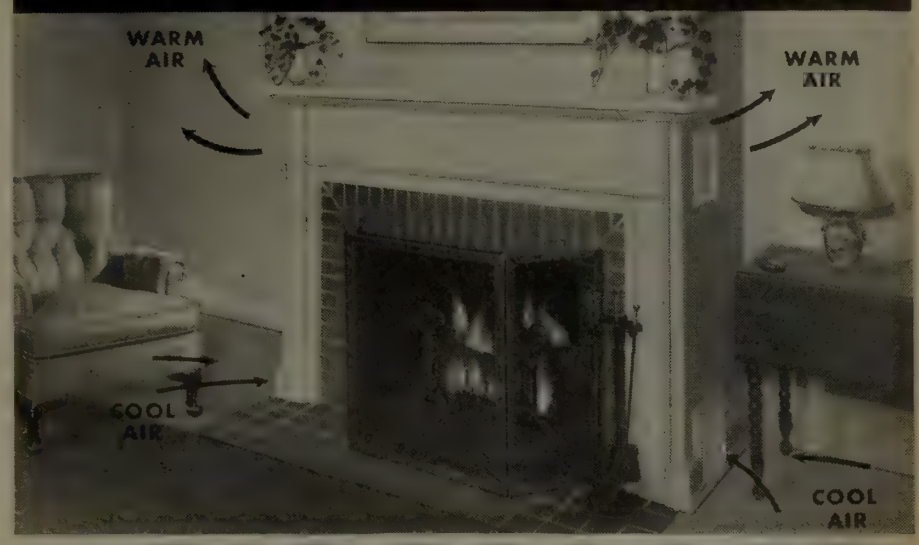
Finishing

With both sections assembled, it is time to put on the finish. Begin by filling the screw holes and any imperfections a little more than level with wood plastic. When this has hardened, trim it level with a chisel or jackknife, and sandpaper edges and surfaces smooth with medium-coarse, then fine sandpaper.

The finish you use will depend

[*Turn to page 140*

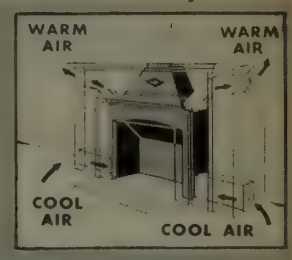
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Photograph: Advertisers Photographic Studios, Inc.



To make your room look larger, when your whole fireplace wall seems insignificant, put a perfectly plain, frameless mirror wall to wall above the mantel. It's a dramatic Modern note over a fireplace with such clean-cut lines as this one has. And it adds a note of grace and spaciousness to any small room

George de Gennaro



To add depth to a narrow room, use a mirror like this instead of a picture. This ornately carved frame was stripped of its gold leaf and finished in the natural blonde wood. Almost any antique picture frame makes a perfect mirror frame. You'll find such a mirror is a rich-looking space-filler above your sofa

More on page 26



1.

Summer Harvests all winter . . . that's the magic of your Kelvinator Home Freezer. Just reach in for fresh June peas and berries, summer corn and peaches—whatever you like, whenever you like! You'll freeze everything *now* . . . roast beef and steaks, seafoods, poultry and game, desserts galore. And you'll keep ice cream by the gallon! With space for 210 pounds of food, you'll save hours of shopping—hours in the kitchen—frozen foods are so easy to prepare.



2.

Streamlined Cooking! That's how Kelvinator's "Automatic Cook" Electric Range gives you faster, easier meals. It does your oven-watching while you're miles away. Just set it and forget it! Its new "Up-Down" unit gives you added utility: *up*, it's a 4th surface unit—*down*, it's a deep-well cooker. Giant oven handles biggest roasts with ease. All controls easier to reach and read on new control panel, top-o'-the-range. Warmer drawer, two big storage drawers glide out at a touch on roller bearings.



3.

Refrigerated Top-To-Bottom!—With Kelvinator's exclusive *top-to-bottom refrigeration* you get more *usable* refrigerated space, model for model, than ever before! At the top is the big Frozen Food Chest that holds 50 pounds. Then, plenty of shelf space for general storage. A special supermoist cold compartment keeps salad greens and leftovers fresher for days longer. And, at the bottom, the refrigerated Fruit Freshener keeps fruits, vegetables and beverages deliciously *cold!*

Here's the 1-2-3 of kitchen magic

for easier living!



Yes, It's Wonderful! You *zip* through meal preparations with these amazing Masterpiece Kelvinators on hand to save you time and effort. For *they* see to it that you do much less cooking, much less shopping. Then, for your biggest reward, they give you the finest meals you ever served! And, of course, they are *Kelvinator*-dependable . . . built for years of faithful service and penny-pinching economy. See them at your Kelvinator dealer's now.

KELVINATOR, DIVISION OF NASH KELVINATOR CORP., DETROIT, MICH.

Kelvinator—of Course!



To save fuel, your best step is HOME INSULATION*

More than a million home owners enjoy the fuel economy of Johns-Manville Rock Wool Home Insulation.

Why let HOLLOW walls and plaster-thin ceilings rob your house of expensive heat, winter after winter! You can't afford to in these days of fuel shortages and high prices.

The best step you can take to meet the fuel emergency is to insulate those *hollow* spaces.

Johns-Manville "Blown" Rock Wool Home Insulation will *pay for itself* in fuel savings alone—and give you a world of extra comfort, both winter *and* summer. Full thick wall-and-ceiling insulation saves fuel twice as effectively as other treatments used in protecting the average house against heat losses.* (Based on Government figures.)

The home you are living in *now* can be *completely* insulated, by an approved J-M "Blown" Home Insulation Contractor. He is trained to "blow" J-M Rock Wool *scientifically*, in full measure, to prevent heat-leaking "voids" and give you *full benefits*.

Save up to 30% on fuel year after year, and keep your home warmer in winter and up to 15° cooler in summer. *Convenient monthly payments—FHA approved terms.*

*Based on facts published in U. S. Bureau of Mines pamphlet.



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Please send me FREE copy of your 24-page book, "Comfort that Pays for Itself."

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JM PRODUCTS

Johns-Manville
"BLOWN" HOME INSULATION

Listen to Bill Henry with 5 minutes of the latest news brought to you by Johns-Manville, 9:55 P. M., EST, Monday through Friday, over your Mutual station.

You can count on a mirror

Begins on page 24

Millard



To vary a formal print arrangement, let a mirror divide the group of prints. Touches of black and gold in this quaint old frame pick up the black of the mats and the gold in the frames which were used to set off the prints

Mott Studios, by Merge



To brighten a tiny entry, try hanging a mirror over your antique console. Add your prize glass and copper pieces for a note of warmth. This old-fashioned walnut and gilt frame was once used for a Victorian steel engraving. Hung at eye level, it now becomes a bright accent against wood-paneled walls

CHOCOLATE CREAM CHIFFON TARTS

(Makes 8 tarts)

These chocolate-rich, creamy-light tempters are easy to make—a sure success with Crisco's pastry method!

CRISCO PASTRY

2¼ cups sifted flour	**¾ cup Crisco**
1 teaspoon salt	**¼ cup water**

All Measurements Level: Sift flour and salt into bowl. Take out ½ cup flour and mix with ¼ cup water to form a paste. Cut Crisco (with knives or blender) into remaining flour until pieces are size of small peas. Add flour paste to Crisco-flour mixture. Mix, shape dough into ball. Divide in two parts.

On floured board, lightly roll out dough ⅛" thick. Cut 4 circles 6" in diameter. Line tart shell pans. Cut uneven edges about ¼" from edge of pan; fold under, flute with fingers. Prick small holes over sides and bottom of each shell. Repeat with second half of pastry. Bake in hot oven (425°F.) 10 to 12 minutes.

FILLING

2 squares melted chocolate	**½ cup sugar**
½ cup boiling water	**¼ teaspoon salt**
1 tablespoon gelatin	**1 teaspoon flavoring**
¼ cup cold water	**½ cup sugar**
4 egg yolks	**4 egg whites**

Blend chocolate and hot water with gelatin softened in cold water. Add egg yolks beaten with ½ cup sugar. Stir in salt and flavoring; blend. Beat remaining sugar into egg whites. Stir lightly into chocolate mixture. Fill baked tart shells. Chill. Top with whipped cream.

NEW! BIGGER! BETTER! CRISCO COOK BOOK. Just out, gives you 161 exciting new recipes, lots of full-color picture pages. Send 25¢ in coin and a Crisco label, any size, for *New Recipes for Good Eating.* Mail to Crisco, Dept. BG, Box 837, Cincinnati 1, Ohio. Offer good in continental U.S. and Hawaii.



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es you this sure way to
Perfect Pie Crust!

They're flaky! They're tender! They're made with Crisco!

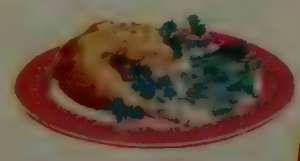
Did you ever serve up a perfectly scrumptious-looking pie—then see your family eat the filling and leave the crust? Well, that won't happen when you make a Crisco pie!

With pure, all-vegetable Crisco and the sure-fire Crisco pastry method, even a *beginner* can be sure of flaky, tender pie crust every time! What's more, Crisco pastry is as *digestible* as it is delicious. 9 out of 10 doctors say Crisco is easy to digest!

So try a pie the Crisco way today. Use the recipe above, or on your Crisco label. Then serve it, sit back and beam! Your family will scrape up every last tender, golden crumb. And you'll know another good reason why more women are cooking with pure, creamy Crisco than with any other vegetable shortening!







For Cakes and Pies and Tasty Fries

use Crisco

IT'S DIGESTIBLE!

Everybody's Pointing to HOTPOINT "Pushbutton-Cooking"



Just Press the Button. Choose your cooking speed—then press the button. A colored light shows you that the Calrod® unit is on at the exact speed you've selected.



And You Get 37 Other Wonderful Features With Hotpoint— America's Leading Electric Range

NO WONDER the whole country is talking about the sensational new Hotpoint! With Pushbutton Controls and "Talking Colors," this brand-new kind of electric range makes cooking far easier, far more accurate and far more convenient than ever before.

● ● "Pushbutton-Cooking" is as simple as snapping on an electric light. Just select the exact cooking speed you want — then press a button. It's far easier, far surer than old-fashioned methods. Pushbutton Controls put everything right at your finger tips—and right before your eyes.

● ● And Hotpoint brings you 37 other kitchen-planned features including the Hi Speed Hotpoint Broiler that broils steaks for 12 in 10 minutes, Automatic Timer Clock, Sealed-Heat Oven, and Calrod® Cooking Units. Ask your Hotpoint dealer for a demonstration. He's listed under *"Ranges—Electric"* in your classified phone book.

HOTPOINT INC. (*A General Electric Affiliate*), CHICAGO

Hotpoint Automatic Electric Ranges



Hotpoint's Famous Pan-Hugging Calrod® Units respond quickly with accurately measured heat —make cooking speedy, sure and safe.



Two Complete Sealed-Heat Ovens—available in th Double Oven Model—allow simultaneous baking an broiling. Provide oven space for any cooking need



Garden clinic

Evergreen groundcovers for winter lawns

re's an ideal solution for slopes d to mow and quick to wash ay—evergreen groundcovers ich are attractive winter and summer. Select one of the three hardy groundcovers below or—just as effective—vinca, pachistima, bearberry, or winterberry.



achysandra can ... a lot of abuse, even occasional trampling by oys hunting a lost ball. You get a green carpet 6 to 8 inches high



Baltic ivy has large, nodding leaves which make it safe against the winter sunburns so often fatal to its less hardy cousin, English ivy

Photographs: Carl F. Mack



Common wintercreeper thrives on a slope. Don't make the mistake of trying to make it sprawl on flat ground where it's bound to grow shrubby

More clinic on next page



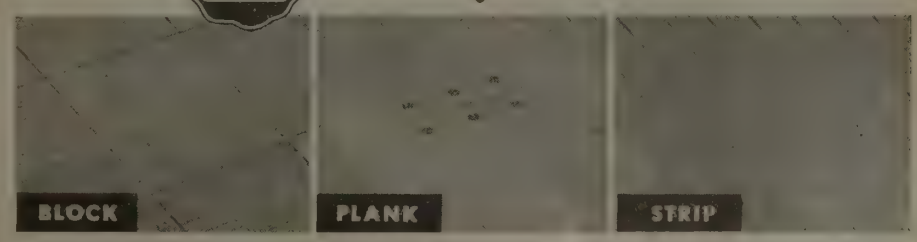
Carefree Beauty

In floors, beauty alone is not enough! You want enduring, carefree beauty. Bruce Hardwood Floors give you beauty that lasts a lifetime, with least care. You get smart styling too, whether you choose the modern block design or Colonial plank or traditional strip. Ask your architect, builder or lumber dealer about Bruce Hardwood Floors for your home. They are quality products of the world's largest maker of hardwood floors—E. L. Bruce Co., Memphis, Tenn.

Bruce

HARDWOOD FLOORS

BRUCE *Naturally Beautiful!*



For added beauty, durability, and economy...specify *prefinished* Bruce Hardwood Floors.

BRUCE ALSO MAKES Household Products, Lumber, Furniture Parts, Terminix.



The "Chamberlin System" means more for your money in

WEATHERSTRIPPING
ROCK WOOL INSULATION
COMBINATION WINDOWS

. . . and *s-t-r-e-t-c-h-e-s*

costly, hard-to-get fuel!

Nearly 3 million customers know the comfort advantages and fuel economies of Chamberlin home-comfort services. Custom-fitted METAL WEATHERSTRIPS for window and door draft-control; wall-thick ROCK WOOL INSULATION to keep homes warm, less costly to heat, cool in summer; latest type all-metal COMBINATION WINDOWS to end costly heat loss; inside, "quick-change" panels end hazards of changing to screens.

The 52-year-old "Chamberlin System" of home-comfort service is the only one of its kind! 40 factory branches, with a thousand expert installers using the latest equipment and methods! Undivided responsibility for utmost dependability and value to you. Installation is half the job; Chamberlin does it right.

Chamberlin can advise impartially because it offers "all three" for home protection. You buy only once—be sure you get the best! It will pay you to get the full story on the "Chamberlin System." For free survey, no obligation, call your Chamberlin Man (see phone book), or mail coupon today! Easy budget terms if desired.



Hospitals, schools and other buildings too!



Many of America's leading hospitals and 14,000 schools have been made more comfortable, less costly to heat, through the "Chamberlin System." Hospital managements, trustees and school officials are invited to ask for further facts.

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[ ] Please mail free book, "A Guide to Home Comfort"
Please give me further data on "Chamberlin System" as applied to [ ] home, or _____ (type of building)
Now own [ ] Now building [ ] Student data [ ]
Name _____
Address _____
City and State _____

Garden clinic

Begins on preceding page



View today from the O'Connor terrace

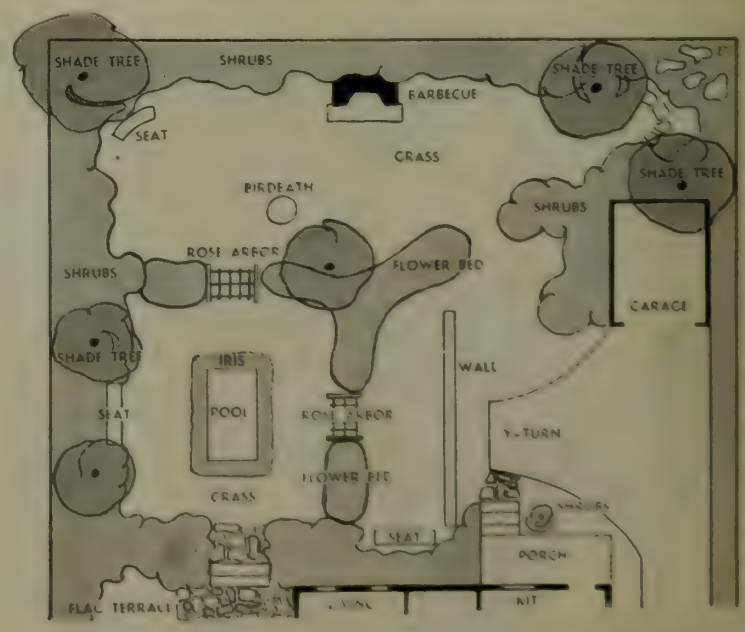
Dear Editor:

WE CLIPPED the attached plan about 20 years ago from *Better Homes & Gardens*. We think it's as adaptable today as when first published. Our proof is the picture I'm sending you.

The only changes were to add a rose garden and a barbecue. We reversed the plan, tho, to give our garden a southern exposure.

The various units—flower garden, rock garden, terrace, and barbecue—were added in that order. We built the birdbath and lily pool ourselves. The main garden now provides a colorful panorama of gay bloom from spring to late fall.

We added a board fence behind the rose garden for its protection. When our teen-agers put in a bid for their place in the pattern of outdoor living, we built a barbecue just beyond the flower garden. This area already was screened from view by the shrubs and flowers, as shown on the plan. Artistically, the barbecue probably would have looked better in the corner opposite the rock garden, but prevailing winds make its present site more desirable. —*Marie O'Connor, Klamath Falls, Oregon.*



More on page 126



So many delicious kinds of breads . . . at the stores . . . or that you can bake at home. Really nutritious . . . and how they do perk up your menus!

So inexpensive...the 6-way nourishment of *ENRICHED BREAD and FLOUR*

"HOT FROM THE OVEN" come your own biscuits, muffins, cakes, cookies, pies to thrill your family and guests. Always buy flour labelled "Enriched" to be sure of this added nourishment.



WHAT TEMPTING VARIETY your baker offers! New treats in breads, rolls, cookies! And they're all highly nutritious when enriched. Ask him whether they are. It is important that you know.



ALWAYS SERVE PLENTY OF BREAD. It's delicious and so economical. On the wrappers of enriched white bread there's a panel *stating* that it is enriched. Look for it on the loaves that you buy.



You've always known it—that bread is food energy in its most *economica* form. And, in these hurry-up days, you know how you *need* energy. Bu see those flags? They tell the rest of the story. Modern enriched bread an baked foods make *six* important contributions to the all-round balance diet you and your family need. Yes, enriched bread and flour give you 6-wa nourishment! Remember this . . . at meal time, at snack time, every day

"IS BREAD FATTENING?" *No;* nutritionists tell us breads are no more fattening than any other food of equal energy content. The carbohydrates of bread are readily and easily converted into energy which is then used by the body as needed.

ACCEPTED COUNCIL ON FOODS AND NUTRITION AMERICAN MEDICAL ASSOCIATION

The nutritional statements in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.

WHEAT FLOUR INSTITUTE

"Wasn't there an Old Father Hubbard too?"



"Why do you ask that, Joan? This is the story of Old *Mother* Hubbard."

"Yes, I know, but if there *was* a Father Hubbard, would her cupboard still be bare?"

"It shouldn't be. Of course, Old Father Hubbard might have died before this story was written, but it's the Daddy's job, in every family, to make sure there's always enough to eat . . . whether he's around or not."

"Will Mommy and I always have enough to eat?"

"Of course, Honey. You and Mommy will have all the food you need, no matter what happens. You can keep on living in this nice house, too, and have plenty of pretty dresses to wear."

"Gee, I'll bet you're the smartest Daddy in the whole world, to fix all that!"

* * *

Any "Father Hubbard" could take a tip from Joan's father, and benefit from Mutual Life's Insured Income Service. It's the practical, economical way to achieve financial security for the entire family. What's more, it provides a comfortable retirement income for Father Hubbard, too!

Let the Mutual Life career Field Underwriter in your community explain how Insured Income can help you.

YOUR *Social Security*

WORTH $3,000 OR $13,000?

SEND FOR FREE BOOKLET—Learn the facts of Social Security . . . how it teams with your life insurance. If you live in the U. S., mail the coupon below. You'll also receive a handy filing envelope to keep official records you, or your wife, may need later to collect benefits without costly delay.

Insured Income

THE MUTUAL LIFE
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34 Nassau Street New York 5, N. Y.

Yes, I would like your FREE Social Security Booklet B-51.

NAME..... AGE.....

HOME ADDRESS.....

CITY & STATE..... OCCUPATION.....

VETERANS: KEEP YOUR "G. I." LIFE INSURANCE!



BEFORE

A huge, hooded fireplace (above) overpowered the small living room. It was too big to be disguised with paint. Brocaded easy chairs and brocade draperies that belonged with the fireplace made the room look austere and uncomfortable.

Once the fireplace got a paneled wall (right), the look of the room changed. Brighter, gayer colors and fabrics now fit in. Heavily beamed ceiling seems higher and lighter because it has been painted the same apple green as the walls. French windows are hidden with closely hung sheer curtains

AFTER



You can remodel without

LOTS of people think remodeling a house means ripping out walls, installing new floors, and raising the roof in general. Sometimes remodeling does mean all that, but you often can transform your home with minor structural changes if the changes are part of an over-all plan.

Before calling in the carpenters, figure out how you want your home to look. Decide which feature needs to be changed to get the right effect. Is it an old fireplace, a misshaped window, a misplaced door? Moving a window is



BEFORE Furniture arrangement in the dining room was stymied by old-fashioned arched French doors cut right in the middle of the only long wall

Photographs: George de Gennaro



raising the roof

By Betty Rainchief

a pretty big job, but it can get bigger results if you'll plan carefully. After your problem spot is corrected, carry thru with draperies, slipcovers, wallpaper, and paint.

The home of Mr. and Mrs. Louis M. Constance of Los Angeles is a good example of what a few changes can do. Ripping out a fireplace and replacing French doors with windows gave their whole home a new dignity and charm. To see how they worked it out with Decorator Lorenz Hansen, study the before and after pictures on these pages.



AFTER Closing the French doors and cutting windows at each end of the wall added space for a buffet. New draperies and brass lamp set off old furniture



You'd never know the old attic now

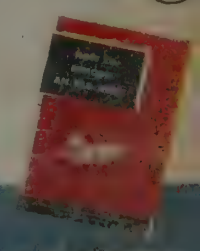
This extra bedroom was built in attic space that had long been wasted. By using Armstrong's Temlok® Interior Finish for the walls and ceiling, the job was done quickly and inexpensively. The cost of using lath and plaster was saved.

Temlok makes wall construction simple and fast. You simply nail or staple it over a wood framework. It has an attractive textured surface, painted at the factory and "ironed on" for extra smoothness.

Temlok adds comfort, too. It's made of compressed wood fibers which provide efficient insulation against summer heat and winter cold. In the bedroom above, the ceiling is of Temlok panels and the walls are Temlok planks. Big boards are also available for wainscots, closets, partitions, and other wall areas around the home.

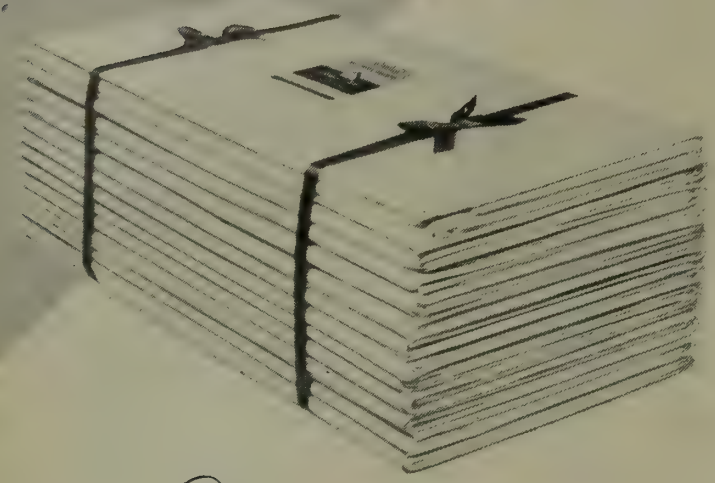
Be sure to ask your lumber dealer about Armstrong's Temlok before you build or remodel. You'll be surprised at its low cost.

WRITE FOR FREE BOOKLET, "How to Remodel an Old Home." It's full of information on methods and materials. Illustrated in color. Write Armstrong Cork Company, Building Materials Div., 4901 Farnum St., Lancaster, Pa.



ARMSTRONG'S TEMLOK

Fieldcrest SHEETS



The Whitest white–
Famous for long wear



Quality Tested

Fielderest Sheets are quality tested at 23 points during manufacture to give you extra whiteness, extra wear, extra luxury.

TOWELS • BLANKETS • BEDSPREADS • LACE TABLECLOTHS
THERMOSTATIC BLANKETS • CURTAINS • HOSIERY • RAYONS

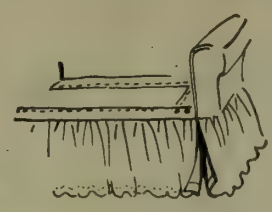
FIELDCREST MILLS, Division of Marshall Field & Company, Inc., 88 Worth Street, New York 13

How to slipcover a sofa bed

By Kay Hardy

COVERING a sofa bed doesn't involve much more work than covering an upholstered couch. All you need to do is plan plackets and openings so the sofa bed's mechanism will work correctly without collapsing the whole slipcover. Here are instructions for covers for the most common kinds of sofa beds.

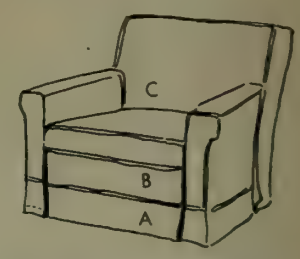
On Pullman-type love seats or couches, a strip across the front, under and in front of the loose cushions, swings up to the back of the couch. Cut and fit the back and arm sections just as you would for an ordinary couch. Stitch arm sections to the back allowing four-inch tuck-in flaps around the seats. Finish the edges with neat one-inch hems. Cover the loose cushions separately. Make the flounce along the sides and under the arms of the couch.



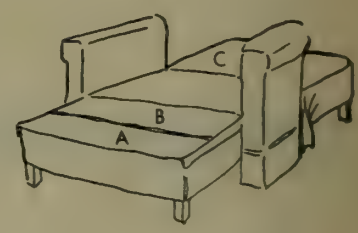
Snap or zipper center and side flounces together at joining

Then make a separate flounce and boxing for the movable front section. Allow a four-inch turnover at the top of the boxing to hold it under the cushions. If your cover slips on the upholstery, sew large hooks under the edge of the turnover and stitch matching eyes to the upholstery. Pleats or extra gathers will hide the point where the center flounce meets the side flounce. Or you can set in a slide fastener or snapper tape there. When you open the bed at night, you'll just have to take off this front cover.

Arm chairs that open into couches should have their arms and cushions slipcovered separately. Then cover the back, seat, and front of the chair with one long strip of material fitted along the top of the back and around the front of the seat. Allow extra material for a tuck-in at the back of the seat. Open and close the chair bed while the cover is pin-fitted to be sure there's enough give for the mechanism to work without moving the cover. Unless your cover is made from an especially nubby material, you can spread your mattress pad and sheets right over the slipcover.



Cover the arms and cushion of your chair couch separately



Cover sections a, b, and c lie flat when chair bed is opened

Studio couches with a drawer-like under structure that pulls out to make a double bed can be covered like the Pullman-type couches. Cover the sides, arms, and mattress first. Put a slide fastener or other placket closing along one edge of the back of the mattress for easy opening. Make the front-section slipcover separately. Tuck a zipper into the pleat or folds where the flounces join so you can remove the front cover when you pull out the drawer.

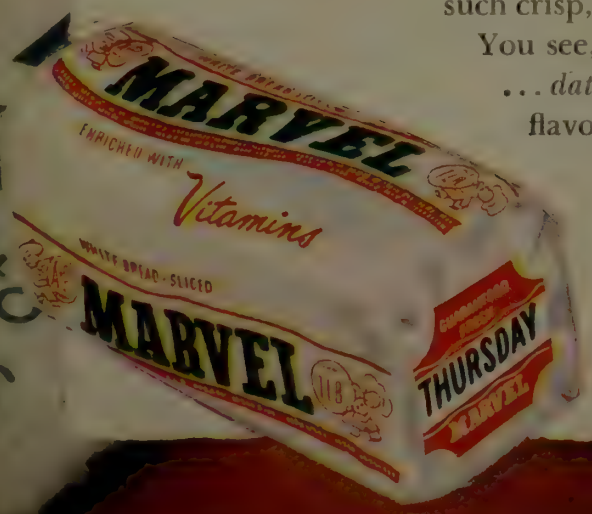


Zipper one edge on the back of mattress for easy opening

Couches whose springs let down from the back won't need special slipcover treatment if the springs are covered by loose cushions. When the placing of your couch requires a cover over the back, too, make a boxed pillowcase-type cover. Leave zipped or snapped placket openings in the cover where legs turn out at the corner

What's So Different About This Breakfast?

Toast is toast, you say? Wait till you taste Marvel toast. M-m-m-m! . . .
such crisp, golden goodness . . . such light, crunchy tenderness.
You see, Marvel Bread is rich in quality and *really* fresh
. . . *dated* fresh daily. Remember, when freshness fades,
flavor fades. Today—buy Marvel—bread at its best.



MARVEL BREAD

AT ALL A&P FOOD STORES — Except on Pacific Coast

MADE BY THE MAKERS OF QUALITY-FAMOUS JANE PARKER BAKERY TREATS

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AMERICAN-Standard

First in heating...first in plumbing



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MILLIONS of homes today are heated by American-Standard. Why? *Value* is the answer. Value in low first cost. Value in low operating cost. Value in carefree comfort year in and year out. And this holds true for any type of heating—radiator heating, warm air heating, winter air conditioning. And for any type of fuel. American-Standard Heating Equipment and Plumbing Fixtures are sold through selected Wholesale Distributors to your Heating and Plumbing Contractor. Time payments for remodeling. To get the whole story, write for our FREE HOME BOOK. **American Radiator & Standard Sanitary Corporation,** Dept. B91, Pittsburgh 30, Pa.



THE COMPANION LAVATORY is typical of the smart styling you'd find in American-Standard Plumbing Fixtures for bathroom, kitchen, laundry.

Look for this American Standard *Mark of Merit*

Serving home and industry: AMERICAN-STANDARD • AMERICAN BLOWER • CHURCH SEATS • DETROIT LUBRICATOR • KEWANEE BOILER • ROSS HEATER • TONAWANDA IRON

Building costs

where do they go from here?

HOME-BUILDING costs reached an all-time high in 1948. Thousands of you *Better Homes & Gardens* families have held off buying or building new homes, waiting for the price situation to clarify itself. To you, the question is: Where do costs go from here?

From three of the nation's top authorities on home-building costs, *Better Homes & Gardens* obtained this answer:

Costs may advance slightly in 1949, but the major increases are over; costs probably will decrease slowly, beginning in 1950.

By 1955, building costs should have settled at 15 to 25 percent below the 1948 level.

The price of older houses has passed its peak, and is on the downward glide, tho values are likely to hold fairly well.

These answers are from hard-headed realists. Two are executives of construction news-reporting and building-cost analyzing organizations: Myron L. Matthews, vice-president of Dow Service, Inc., publishers of *Construction Industry Services*, New York, and Roy Wenzlick, president of Roy Wenzlick & Co., publishers of the *Real Estate Analyst Reports*, St. Louis. The third is J. T. Miller, *Better Homes & Gardens* research director.

Their answers aren't final or dogmatic. Building costs are tied to the nation's whole economy. The costs are sharply and immediately affected by inflation and deflation, war and the threat of war, shortages and abundance, supply and demand. A sudden depression could upset all calculations.

But by weighing all related and *forseeable* influences, each of the authorities has given us straightforward answers to a series of questions on building economics. These questions were framed so the answers would help guide you in solving the problem: Should we build, buy, or remodel now, or should we wait?

Of necessity, their answers (synthesized under the questions below) give little weight to the many emotional and good-living considerations involved in acquiring a new home. Your family may have outgrown its present home; maybe industry is encroaching on your neighborhood; perhaps your income has changed since you bought your house. Such personal problems involving your family's immediate needs may well outweigh anything any group of economists might say.

But from a strictly economic point of view, here's the outlook as of January, 1949:

What's ahead in home-building costs for 1949?

The big increases are over. Costs may advance slightly, probably not past the middle of the year, and in a few limited areas a slight decrease may be noted. Market conditions will determine whether the drop is passed on to buyers. For most families it will cost only a small percentage more to build a house than in 1948.

What's ahead in home-building costs the next few years?

By 1955 costs should be down (perhaps 15 percent below 1948); construction should be better. One estimate places building costs in 1955 75 to 80 percent above the immediate prewar period, another 40 to 50 percent higher. A depression, of course, might force costs lower, but buyer income likely will follow the same curve, neutralizing the drop.

Here are some other components of the building picture which should help offset high building costs:

Builders are trying out new materials, and finding new uses for old. New ways of treating metal, glass, and other materials for home use are being marketed in a steady flow.

Better construction methods are being used. Large producers, trying to meet the postwar shortage of homes speedily, have evolved short cuts which are making more efficient use of man hours.

Labor is producing more. Apprentices taken into the building trades after the war have become better mechanics—their increased efficiency as they settle into their trades already has been noted.

What will be the effect of increased war preparation?

Increased military preparedness and European aid continue to create shortages. As a result, present home-building costs are supported at levels which normally would be lower. The more men and materials assigned to preparedness, the longer the downward trend will be delayed. [*Turn to page 150*

How to have quick bloom this summer

By Leslie MacRae

YOU needn't wait. Even tho you start from scratch, you can have bushels of flowers and the most inviting place on your street this very summer. There's no trick to this except knowing on which things to concentrate.

Suppose you do have a bare place where the sun beats down. You're lucky. Annual flowers such as petunias, zinnias, marigolds, and asters thrive in such a spot. And so do many others that you'll enjoy a lot.

Concentrate on these and gladiolus bulbs which will give you color inside of six weeks. Then add a few long-lived plants like perennial phlox. Phlox has big blobs of color all thru late summer on plants set in May.

Fork your soil well, and follow the suggestions below. What you get won't be magic—but a very reasonable facsimile.



Make it yours. The gaiety here comes from (1) petunias (Silver Medal) and annual asters (Burpee's Heavenly Blue); (2) snapdragons (Giant Skyscraper); (3) annual rudbeckias (Giant Hybrids); (4) gladioli (Barcarolle—orange; and Shirley Temple—yellow); and (5) phlox (Thor)

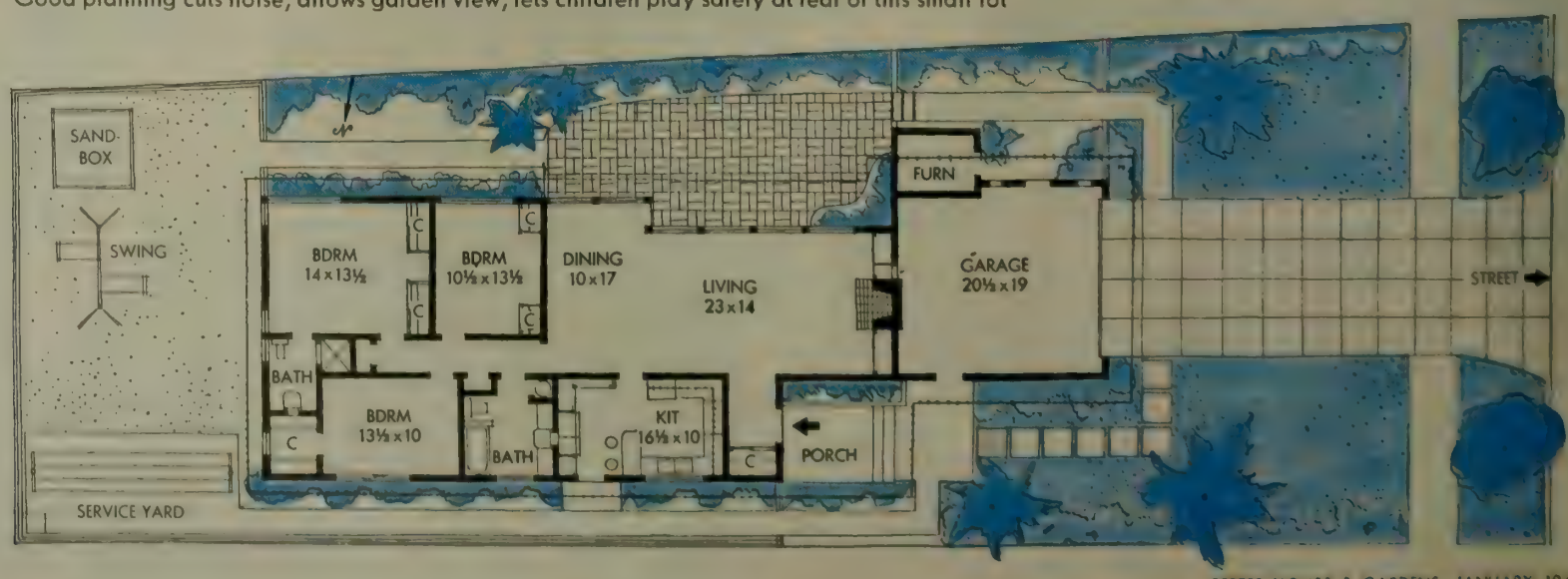
	TO START	CARE	OTHER GOOD CHOICES
ANNUALS	***Petunias and asters—lots of color, low***		
	Order bright shades. Buy seedling plants by the dozen, or grow your own. Start seeds indoors by mid-April	Set petunias 10 inches and asters 15 inches apart. Nip faded blooms promptly. Kill aster beetles with DDT	Annual phlox, pinks, and verbenas can take the place of petunias. Zinnias and arctotis can replace asters
	Snapdragons—spikes for contrast		
	Buy plants, or start tiny snapdragon seeds in sifted soil indoors. Barely cover seeds. Shift at 4-leaf stage	Space plants 12 inches apart where they have sun fully half the day. Stake individual stalks for the best display	Annual larkspur, and the new annual hollyhocks can substitute for snapdragons and give you greater height
	Rudbeckias—bold, graceful, lasting		
	Sow seeds outdoors in April. Thin seedlings to stand 15 inches apart. Succeed in sandy and dry locations	No special attention needed for these slicked-up relatives of the oxeye daisy except to remove faded flowers	Marigolds of the taller kinds come closest to garden effect of rudbeckias. Or you can plant tall calliopsis
BULBS	***Gladioli—lots of color, high***		
	Buy only good blooming-size bulbs. Space 8 inches apart in groups of 3 to 15. Cover bulbs 3 to 6 inches deep	Dust foliage after 8 inches tall at 10-day intervals with DDT to kill thrips. Stake each spike separately	Fiery montbretias and dwarf dahlias come close but do not equal the effect of well-grown gladiolus spikes
PERENNIALS	***Phlox—for this year and next***		
	Choose plants of distinct colors. Set 3 to 7 of same kind in a quite close group for showiest landscape effect	Mulch over root area, water often. To control redspider-mites and mildew, coat foliage with dusting sulfur	Early-blooming chrysanthemums in bright colors, well staked and well watered, can often pinch hit for phlox



Well planned for a narrow lot

Gray-brown walls, oatmeal-colored rug, redwood trim and ceiling form a restful, subdued background for colorful fabrics and for view thru fixed windows of living area

Good planning cuts noise, allows garden view, lets children play safely at rear of this small lot



Here is evidence that architecture, furnishings, and outdoor living areas must be closely related, especially on a narrow lot

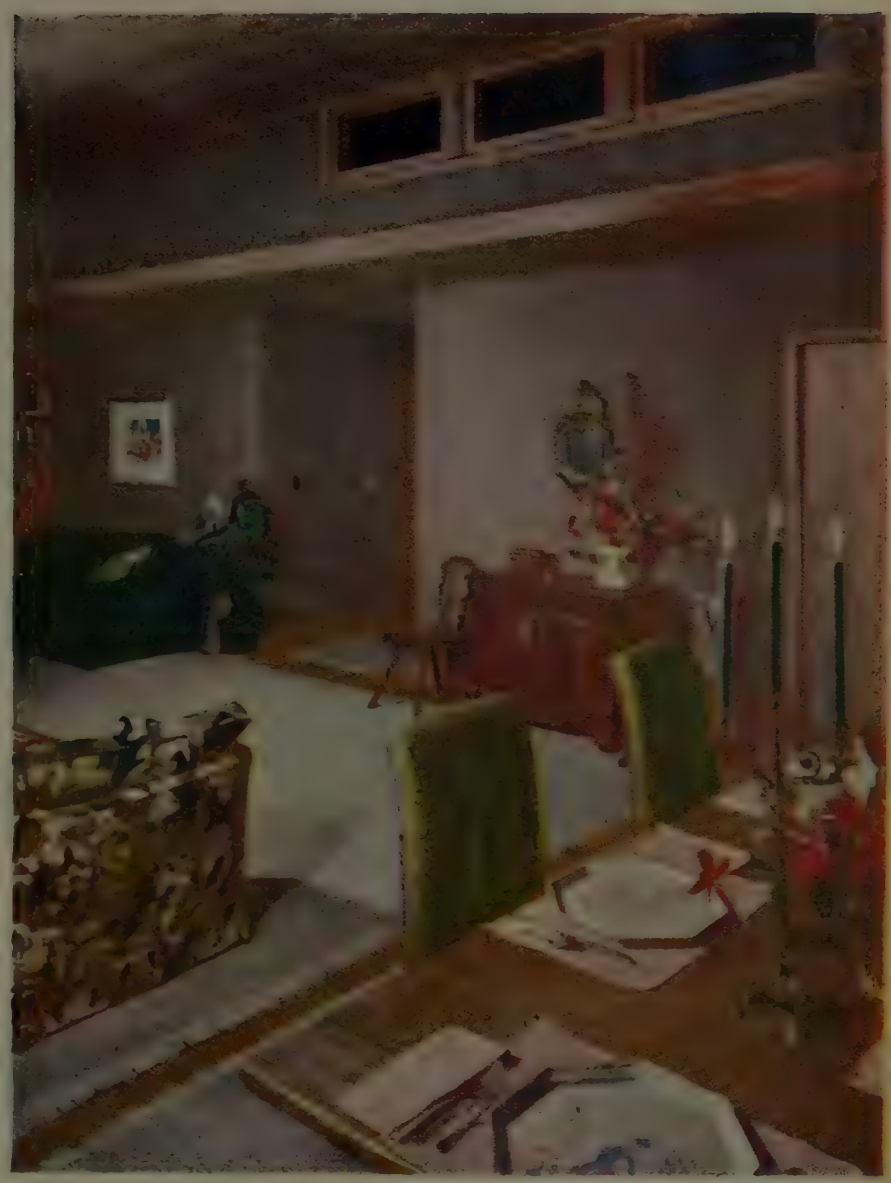
By Ethel McCall Head

YOU can plan a house before you buy your lot. You can plan a house without considering the furnishings you have available for it. But it's not smart.

To be a good house, your house must take full advantage of your lot—slopes, orientation, view. To be a good *home*, your house should be planned around your present furnishings, unless you intend to start from scratch.

The Brentwood, California, home of Mr. and Mrs. Robert Eisenbach was planned from lot-line to lot-line before a shovelful of earth was dug. The house is on a small lot, but it affords complete privacy because there are no windows on the street side. In the house Italian, English, and Modern furniture get along so well they look as if they had been brought up together.

Tho the Eisenbachs liked contemporary architecture, they wanted to avoid the coldness they found in so many contemporary interiors. So they asked Irvine Goldstein, A.I.A., to design a house with combination living-dining room, sheltered and informal outdoor living areas, and enclosed play areas for the children. They gave [*Turn to page 86*



Dining set is finished in driftwood tones that catch muted shades of rugs and walls. Under light trough is an Italian credenza balanced by Seventeenth Century chairs

Built of redwood boards and battens stained a driftwood gray, house has no windows on the street. Hipped roofs minimize height of shed roof covering the living room

Photographs: Robert C. Cleveland



More photographs on page 86



Fresh charm for your windows

By Helen Aves

ANY window can be a picture window: pretty as a picture. It all depends on how you treat it. Sparkling, original window dress-ups can give a whole room new charm, so look around and find just the right window treatments for your rooms.

If yours is a window with a view, like the bay at left, treat it simply. Plant shelves, ruffled tiebacks, or draperies are all good so long as they frame and flatter the scene outside.

If you have no prize view, look for unusual material or styling so your glass curtains or draperies will bring warmth and color into your rooms.

But whatever your problem, use your imagination when you choose your window treatment. Fresh dress-ups will give your windows a new lease on life if you do.

Cleveland



Curtains alone can do the window-dressing job. Three tiers of filmy cottage curtains flaunting bright hems and frilly print valance lend an air of informal coziness to a bank of corner windows

What lovelier spot to enjoy your paper and morning coffee than a bay-window breakfast nook looking into your garden? Plants, plates, goblets, and ruffled valance across the top of the windows give the bay an inviting well-dressed look without hiding the view

Photographs: De Gennaro



Draperies can be used alone, too. Here's a whole wall that has been covered in rich folds of drapery to hide a pair of badly placed windows and give the room a dignified, sophisticated background



Use both curtains and draperies to soften sunlight by day, control privacy by night. Frothy tieback curtains add informal grace to windows in alcove. Traverse draperies have been hung just outside the alcove

More about glass curtains, page 96, draperies, page 98

When you build, here's one way to get

The most house for your money

By John Normile, A.I.A.

YOUR house must be built of materials that will keep maintenance costs at a minimum.

It must be easy to keep clean.

It must be correct in scale, and designed as a background for your furniture.

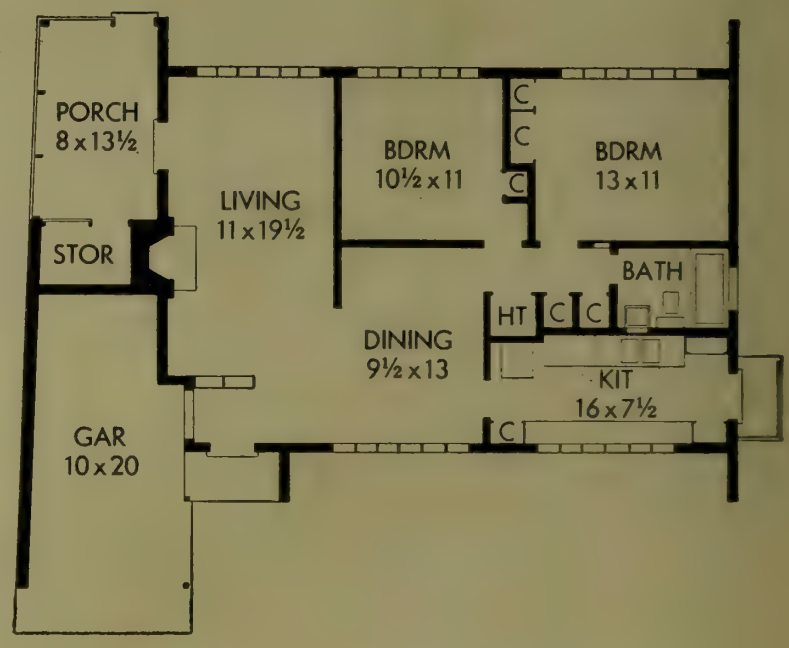
It must suit your way of life—the way you want to live and entertain your friends.

These are the foremost requirements of a fine house—the things that distinguish a house from its neighbors. They should be a part of the house you build. And you will find them all in *Better Homes & Gardens* Five Star Home No. 1901.

You'll find more than these four "musts" in this home, designed by Architect H. Elliott Bredow of Dallas for Mr. and Mrs. Oliver Skeeters. It not only measures up to the requirements, but it also goes well beyond them. It combines the latest in planning and use of materials with a setting for your present furnishings, whatever style they may be.

It is a friendly house, the result of warm colors and texture of wall materials. It also has a number of fine

[*Turn to page 107*





Openness

Shielding living room from front door is a partition that serves as bookshelves. Top shelves have glass backs, let light from living room into the hall. Behind louvers is a large exhaust fan

Simplicity

Since your furnishings may be Traditional, the interior details are kept plain. Striking wall colors (here a light blue with trim a shade darker) and very simple moldings bridge the gap to Contemporary exterior lines





Convenience

Kitchen is a long (16 feet) room just wide enough for stepsaving convenience. Appliances and cupboards line inside wall. Counter under windows is a breakfast bar flanked by closets

You can buy complete

Photographs: Kolvoord



Design

Three building materials blend together in both color and texture—concrete block for end walls, brick at front and rear up to sill height, vertical boards and battens above. Roof is pitched only enough to drain

Storage

Closets in both bedrooms have split hanging space. Since men's clothes require less hanging length than women's, space was saved by using two rods, one for suit coats and one for pants





Materials

Windows are metal casements. End walls extend past front and rear walls (see plan) to support overhang that protects windows from rain and summer sun. Fall and winter light, tho, still touches inside walls

Composition

Trellis supports one corner of carport roof, while an extension of the same roof protects entrance door. Note that the Colonial brass hardware is plain enough to look well on the slab front door



plans for this or any *Better Homes & Gardens* home *See page 107*

You can nail down building costs with your own hammer





Meet the Steges: Their story shows how your own work and an old house can add up to better living

The best way to saw prices in half is for you to handle the saw yourself

By Elizabeth Gilrain

Thousands of Americans are finding a way to make extra money and better living for themselves and their families.

They are spending their evenings and weekends building new houses or remodeling old ones—earning for themselves the high wages being paid in the building trades, and giving their families more comfortable places to live.

In last month's Better Homes & Gardens *you read the stories of some of these amateur builders ("Pay Yourself Those High Wages," page 44).*

This is the story of another Better Homes & Gardens *family, representative of the large group whose members are taking care of their own problems. Their experience may help you.*



BEFORE The bungalow looked like this three years ago

BEFORE this story begins, Julia and Wallace Stege were like thousands of other couples who are living on a day-to-day basis until they can buy or build, or even rent, their first home. For months the Steges lived in a series of motels around Los Angeles.

Then one Sunday morning Julie saw an ad for a $5,000 bungalow on the outskirts of the city. She suspected it wouldn't be anything livable at that price. Her suspicions were confirmed. Outside, the house was shabby and pressed by untended shrubs. Inside, there was a cramped living room, bedroom, bathroom, and kitchen. For storage there was a single dark closet. There was crumbling plaster, torn wallpaper, dangling ceiling fixtures, small windows, and discouragement. The Steges bought the house. For no reason, except that they *had* to have a place to live.

Quick figuring showed the Steges essential repairs would cost them the price of their house all over again, so they resolved to do the work themselves. They were equipped with crow bars, hammers and nails, and no building experience worth mentioning. Wally was a professional artist who had once built a fence before he joined the Air Force. Julie had been a WASP and ferried airplanes during the war. Also, she could sew. Those were the talents they brought to the enormous job of making an attractive, workable home out of a discarded shell.

IT TOOK 2½ years of heartbreaking, backbreaking work to finish the job. The cost in money was $2,000. (Of this, almost $1,000 went to a mason who completed work on the bedroom addition.)

Hundreds of couples would have clung to the expensive insecurity of the motel that Sunday morning. Others need only the example of people like Julie and Wally to use their own hands and heads to get homes they can afford. Here is their example:



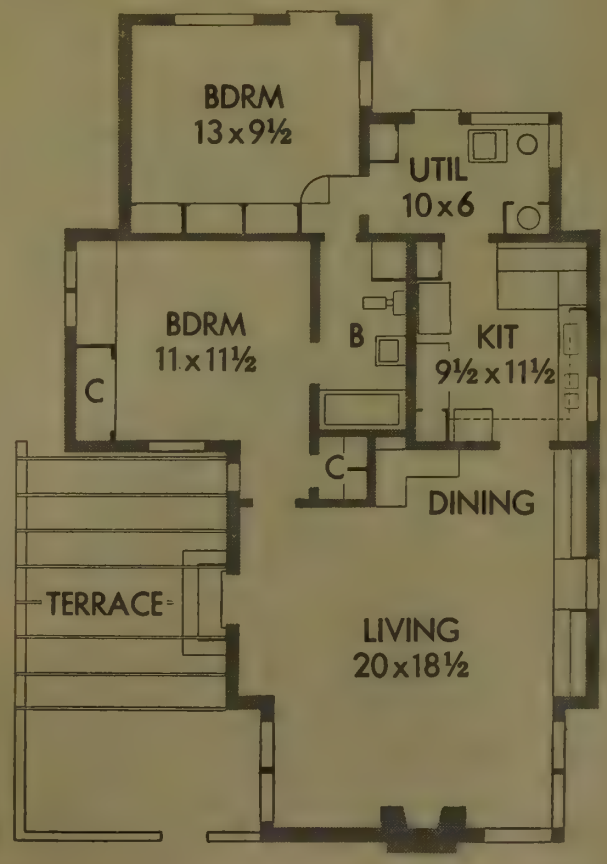
AFTER Hard work by the Steges, plus some $2,000 brought this change. The Steges' first move was to enclose the front porch to get a seven-foot extension and a fireplace into the living room. New entrance door is at left, off the terrace. Julie made yellow canvas curtains to shut out summer sun. Masonry on wall and fireplace presents an interesting texture and contrast with clapboards of original walls; paint ties them together

Here's what the Steges did with their home:



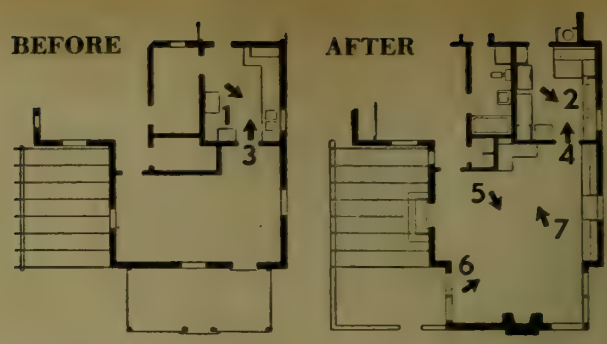
BEFORE

SPENDING $2,000 and 2½ years of work, the Steges added seven feet of space and a fireplace to the living room by enclosing the front porch; carved a dining nook out of one end of the long bedroom closet; converted the back porch into a laundry; added a second bedroom at the back; and in every room concealed defects with built-ins. After all, they reasoned, if you have to hide an old wall, why not hide it with useful drawers, cupboards, and wardrobes?



AFTER

More photographs on next page →



Interior, with its built-ins, shows good planning, is well executed



BEFORE (No. 1 on plan, left, above) Since the kitchen was the best room in the original house, its remodeling was left till last. Walls and ceiling are typical of what the Steges found when they moved in. This was the only counter space. Wally found building kitchen cabinets graduate work after other built-ins



DURING (No. 2, plan, right, above) About a month before completion, the Steges carried on under these circumstances—new sink, dishwasher, and surrounding cabinets in place, alcove table almost finished, refrigerator moved to give them elbowroom, walls untouched. Remodeling kitchen took nights and weekends of more than a month; dinner hour varied from 10:30 p.m. to 3 a.m.



AFTER (No. 2, plan, right, above) Because knotty pine he wanted wasn't available in quantity, Wally glued regular fir flooring strips together to make drawers and cabinets. Louvered door was a $6 display sample Julie hauled triumphantly home in the car only to find it didn't fit. Wally trimmed and added molding until it fit perfectly



BEFORE

Steges plan next day's work at old kitchen table. This view (No. 3 on plan, left, above) shows original painted counter, old cupboards. Entire house had no specific space for eating. Picture at right (No. 4, plan, right, above) is same corner after remodeling. Julie can sit at table and stack dishes in dishwasher or telephone grocery order. Silver and napkins fit in table drawer. Julie ran all over town with a blue box of baby food trying to match color Wally wanted to set off yellow floor and black counters



AFTER



Living areas are zoned to handle many activities in restricted space

Floor and ceiling of the living-room extension were dropped. (View is No. 5 on plan, right, above.) Concrete blocks make economical finish for fireplace wall. Side walls, ceiling, are knotty pine; corner window is made of used concrete forms



Scarred walls, crumbling plaster were covered with built-ins. (View is No. 6 on plan, right, above.) One wall of living room contains unit consisting of drawers for table linen and silver (left), seat with magazine storage under it, desk with cupboards for card tables and folding chairs below it. Cost—$40

Photographs: Harry Baskerville



Steges cut into closet to make dining nook (View No. 7). Wally made benches, Julie pads. Lamp base (left) once was chock for Julie's plane. Painting is Wally's

More on page 100

What kind of Success do we want for our children?

SAYS THE AUTHOR: "For years we strained to pay for piano lessons. We sacrificed to buy her clothes. We ate endless stew and peanut butter to save money for her drama classes. None of it took.

"But as a high-school girl she gradually developed some sane ideas of her own, and as a college senior now she knows precisely what she wants.

"She aspires to be the mother in a typical happy home. Prosaic? Disappointing? On the contrary, Mom and I could leap with joy. For our own thinking has matured."

By Oren Arnold

IF YOU are a normally proud parent, you dream grandly for your children as a matter of course. When my first was born, I spent a year anticipating the time when she would—surely—be a great musician, a great authoress, a great humanitarian, preferably all three. She couldn't miss. She was too beautiful, and obviously destined. Even my smart young wife agreed.

Now, 20 years later, we will settle for much less. The glow has subsided. Yet we are not disillusioned and embittered, or any such melodramatic nonsense. Mother and I have simply reappraised the word "success" to fit the potential of a specific child.

Your attitude in guiding your children toward adult success is more vital today than at any other time in American history, because of the increasingly complex life in which they must live. Yet there is no cause for alarm. It is entirely possible for us, the conscientious fathers and mothers everywhere, to simplify matters, thus insuring our heirs a happiness greater than young adults are enjoying now. I have two more in the grade-school brackets. What kind of success do I plan for them? What do you want for yours?

WE CAN'T answer in daydreams. Nor can we force a realization, in our offspring, of our own frustrated ambitions. Indeed we can't be very specific about the success we plan for any child. We can only show guidance in terms of generalities—and experience tells us these had better be based on moral than on economic law. Our first task is calmly to begin judging and heightening the talents most marked in each individual youngster.

I call to mind an 80-year-old gentleman named Hades Temple. "Thunderation!" he roared once, "I never thought my son Dewey'd wanta be a preacher, but when I seen he was church-minded, I sent him to church!"

I WISH you could know Uncle Hades. He parked in front of our home one day, booted up the walk with his spurs clinking and burst into the living room with nary a knock. "Hey thar, ever'body!" He was always bull-voiced. "I'm here to invite you to a gatherin' of the whole damn Temple clan. Friday week. You're a-comin'."

We canceled everything else, knowing. We drove high into Arizona's green velvet mountains to the Temple ranch, and even at daybreak the festivities had begun. Out on the front lawn The Reverend Dewey Temple stood on the back end of a pickup truck to deliver a short sermon and a prayer before breakfast, because their Mom wanted to "start the day right." I had time to study the sons and daughters.

There was Yancey, 55 years old, a carbon copy of Uncle Hades except for age. He looked like a hero from an Edna Ferber novel, and he might well be; he owns a string of sawmills up in the Northwest. "When I seen that boy was crazy about lumberin'," Uncle Hades explained to me later, "I told him I'd whup him if he ever tried to raise cows. I got him a job with [*Turn to page 78*



p-Schleisner

Lemonade snapdragon supplies a clear new yellow in garden-type snapdragons. By starting the seeds early indoors, you can enjoy for weeks this summer this combination of Lemonade with the equally new Burpee's Heavenly Blue aster and Calendula Orange Quills. They'll need a full half day of sun



Stark

A peach for home gardens is the new Starking Delicious which gets to the perfect eating stage 40 days ahead of the standard Elberta. Big—2½ inches—beautiful, as delicious as only the best tree-ripened peaches are, it also freezes well

We give you the first look

By Fleeta Brownell Woodroffe

YOU see here and on the following two pages some of the outstanding things in the garden field available for the first time in 1949.

These are the first pictures to show exactly how these new flowers and fruit grow, how they look after they have taken the sun, the winds, and the rain.

To give you this preview, we traveled thousands of miles last summer to find and photograph these new plants growing in home-garden settings. From the photographs, you can see which of them combine well. You get better ideas of height and spread.

Every new variety we mention has been rigidly tested. If you give these newcomers a place, they can perform just as handsomely for you.

For more new varieties, new colors, and planting ideas, turn the page ⟶

We give you the first look

Continued



Applause is the name of this handsome hybrid tea rose, a winner of several medals in trials for all-round top performance. Here you see what three plants in a narrow sunny strip can do—perhaps you'll get even better bloom



New varieties not pictured WOULD YOU like some stout perennials, the kind that, once planted, keep going all on their own? Anthemis Golden Dawn is truly a find, as is the swashbuckling new red gaillardia named for General George Patton.

Men stop as suddenly before the new dwarf anchusa as women do. This Anchusa Blue Stars is a lovelier blue than any anchusa we've seen and perfect for massing along a path. At the feet of Croft lilies it's breathtaking. Then don't miss the new Shasta Daisy White Giant or the thoroly good Heliopsis Gold-Greenheart.

It seems just everyone likes pinks, no matter whether they're red, pink, or white, single or double. Just so they're pinks, [*Turn to page 136*



Pink delphiniums. Off the market for several years following its debut, the perennial Delphinium Pink Sensation is back. Also available as plants, not seeds, is this white everblooming Carnation Silver Mine. Give both full sun



Silver Medal petunia scored highest in the All-America Selections trials. See what a bright mass effect it gives. This with the three other new annuals shown here will give you a longer season if seeds are started early indoors. At left is the handsome new giant hybrid rudbeckia whose flowers sometimes have rich mahogany tones. Along the fence are the aptly named Skyscraper snapdragons which grow this high even in Pennsylvania where we photographed them. Between these and the petunias are more of the Burpee's Heavenly Blue asters



Aloha is the fitting name given this new climbing rose because you can find all the tints of the sunset skies in its big 60-petaled blooms. These come in clusters on stems good for cutting. And note how low they start

Photographs: Maynard Parker; Gottscho-Schleisner; Suter, Hedrich-Blessing



Pink Cloud azaleamum is among the newest of cushion-type hardy chrysanthemums. You may also buy plum-reds, whites, butter-yellows, and orchid-pinks



Forty-niner and Tallyho are winners in the All-America Rose Selections. Tho hybrid teas, you can see both bloom heavily enough to be treated as bedding roses. Brilliant Forty-niner carries its gold on the outer side of each petal. Tallyho's huge clusters will deepen to oriental red in cool weather



Plain color on the ceiling and the other walls will dramatize a dark paneled wall. Simple masses of color can focus guests' attention on your paneling



Simple reds and blues, typical of Early American homespuns, become a warm background that can set off the mellow tones of your maple furniture to best advantage



Harmonizing color—on just one wall of the dining end—sets your dining table apart from the rest of your living-dining room furniture. This different wall also adds fresh color interest to the whole room



Color-rich toile or scenic wallpaper gives your dining-room furniture distinction and increases the apparent size of the room. Painted dado and woodwork repeat the color of the rug

What color

By Christine Holbrook

Photographs: De Gennaro, Paul Peters, Hedrich-Blessing

Bold reds and greens brighten an informal dining room. Apple-red wallpaper adds a sparkling grace note and accents the green woodwork, the red in the chair seats

can do for your dining room

COLORS make the best food more attractive. And those same crisp greens, ripe reds, and sunny yellows can make your dining room brighter and more inviting, too.

If your dining room is separate from your living room, why not use a bold color or a stunning pattern in the dining room? Remember, tho, to carry one of the colors from the adjoining room into your dining room so your home will have a carefully put-together look.

If your dining room is part of your living room, the whole room should blend together. Paint or paper one wall to set the dining end apart, but be sure the colors harmonize.

These pictures show the roles color can play.

Where to get it, page 129



Richard Garrison

Blue, red, and white make this homey color scheme

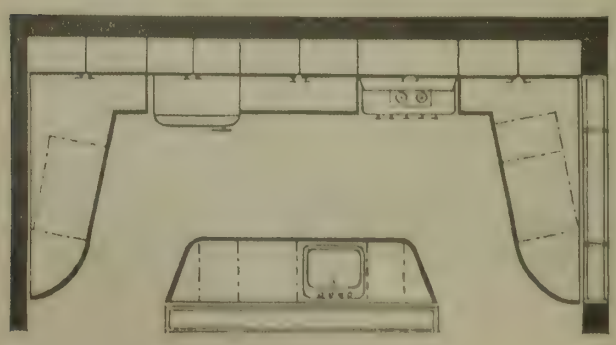
Restful blue walls bring out the fresh whiteness of the equipment. Red glazed chintz is repeated from bench to chair to window. Warm brown linoleum "plank" floor and white ceiling rafters tie the Colonial-style chair and table and businesslike modern appliances together. When dinner's cleared, you have a fireside game table. Styled by C. Eugene Stephenson, A.I.D.

New colors

By Myrna Johnston



Above: Pull-out table is linoleum-topped in the same blue as the counters. Below: Corridor plan of kitchen groups main working areas. End units extend space



Blue counter tops add a cool touch to warm colors ⟶

Pink cabinets glamorize this efficient kitchen. Below and right: Pink baked-enamel-on-steel cabinets so transform this kitchen you have to look twice to see how practical it is. These units also come in gray, green, and yellow. Pink geraniums stretch to the sun at slanting studio window. Wallpaper border is three tints of pink. Right: Work surface near the refrigerator is made of maple



for your kitchen

WARM new colors—colors used daringly—have come to the kitchen. Now available in new colors are steel cabinets, floor coverings, work-counter tops, curtains, and flower boxes.

Splashed with color, a kitchen becomes more than a place to tackle a stack of dishes after dinner. It becomes a room for family parties, a room for coffee with Dad home late from a meeting, a room that lifts your spirits no matter how tedious your job. With the new colors, kitchens can be among the most beautiful rooms in the house. Like these kitchens:

Photographs: Hedrich-Blessing



Where to get it, page 128

More on next page ⟶

New kitchen colors

Continued from preceding page

FUN to be in the kitchen? Of course, when a kitchen's as gay and cheerful, as colorful as this pair. Red, a favorite kitchen color, is predominant in both.

These kitchens were designed for family eating. Right, bamboo table and chairs join kitchen area for easy service. Below, snack bar is handy to range for serving. But it's also located to give you the elbowroom you need in the main working area. The family can not only file thru the kitchen and sniff—they can kibitz without getting in your way.

Persimmon-red cabinets are warm, friendly



Bold, yes, but don't you like it? Baked-enamel-on-steel units and walls are persimmon-red, balanced by brown and green bamboo-patterned wallpaper. Green is repeated in chair seats, table tops, curtains

Bright apple red and green accent a sleek white kitchen



Sparkling white is the background for these fresh sprightly colors. The small kitchen is expanded by accenting all possible horizontal lines—dark-green linoleum floor, long greenery box, red counter tops, red molding, yards of apple-patterned chintz at window. Styled by C. Eugene Stephenson, A.I.D.

MUSHROOMS *fresh from the hothouse*

SWEET CREAM *from country dairies*

SEASONING *just to taste*

Cream of Mushroom serves you well
In three delicious ways:
As Soup, as Sauce, in Cookery—
For tempting meals these days!



HEAVENLY AS A CREAM SAUCE:

Add 6 tablespoons of milk to 1 can of Campbell's Cream of Mushroom—just as it comes from the can. Heat and serve. Makes 1¾ cups.

. . . all add up to this LUXURY soup

And what a delightful soup it is—to give tempting variety to budget-restricted meals, as many and many a woman has discovered. Campbell's Cream of Mushroom Soup is such a glorious blend of choice, cultivated mushrooms and extra-heavy whipping cream. And there are delicate mushroom pieces, too, for the final touch. Here is truly a luxury soup —for economy meals.



Campbell's CREAM OF MUSHROOM SOUP

LOOK FOR THE RED-AND-WHITE LABEL





Photograph: Charles Kuoni

Luscious cream pies... *with the old-fashioned flavor, new trims for the crust, and new tricks for the topping*

NOTHING makes you feel quite so expert as making and baking a handsome pie. Especially a cream pie with its crust tender and flaky, perfectly crimped and browned, cool creamy filling, and a top that's fluffy meringue or rich whipped cream.

Here we feature four cream pies—the favorites. Pineapple, coconut, lemon, and banana. Recipes for pastry, filling, and topping are below. For pictures that show how to make the edges on the crusts, see page 70.

m | Broiled Grapefruit

butter. Broil, or bake, till the
ppetite-catching first course.
age 60. Recipe is on page 61

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Save money on meat main dishes

DISCOURAGED when you check your meat budget? Then buy the lesser-known meat cuts. They're a thrifty investment in good eating.

It takes time, patience, and know-how to prepare tender, savory ox joints, and juicy pork steaks. That's why there's less demand and lower prices for these cuts than for steaks and chops. And right there is your cue. These are the cuts to buy to *save*.

For each meat main dish in the meals below, you'll find an exact recipe to follow on page 76.

40-Minute Sunday Dinner

MAIN DISH	VEGETABLE	SALAD OR ACCOMPANIMENT	DESSERT	NICE TO SERVE
Spanish Pork Steak* With Rice in Green-Pepper Rings	Buttered Spinach	Molded Cranberry-Pineapple Salad French Garlic Bread	Mocha Chiffon Cake*	Pineapple Juice

This is quick for Sunday dinner. Brown pork shoulder steaks; add rice, onion, and tomatoes. Simmer 30 minutes. Fix the salad and bake the chiffon cake on Saturday. Garlic bread: Slice bread almost thru. Spread with 1 cup butter blended with 1 mashed clove garlic. Heat in paper bag in moderately hot oven (375°) 20 minutes. Serve pineapple juice in living room.

Ham Party Loaf

Upside-Down Ham Loaf*	Long Green Beans Glazed Parsnips*	Apple-Walnut Salad Hot Muffins	Pumpkin-Nut Pie*	Hot Coffee

Easy party dinner. Ham loaf has frosting of crushed pineapple when you turn it out of pan. Garnish loaf with celery leaves and maraschino cherries cut in petals. For real thrift, ask for ground ham butt or smoked picnic shoulder. Glaze sweet potatoes instead of parsnips if you prefer. Muffins, stirred up from a packaged mix, can bake with the ham loaf.

Family-Style

Veal Stew* With Buttered Noodles	Celery, Onions, and Peas in Stew	Pear and Cottage-Cheese Salad Orange Rolls*	Caramel-Coconut Custard*	Hot Tomato Juice Crisp Soya Wafers

Folks go for this hearty fare at the end of a blustery day. Cook the noodles in veal stock, drain and toss lightly with melted butter. Return veal stock to stew before thickening it. Mix a little chopped crystallized ginger in the cottage cheese. It's a good flavor companion with the pear. You can use bits of bright candied fruits left from Christmas in the orange rolls.

Fiesta Chili Supper

Chili Con Carne* With Corn-Bread Biscuits*		Crisp Carrot Sticks Celery Curls Dill Pickle Slices	Peanut-Butter Cookies Chilled Peaches	Pitcher of Cold Milk

This reputation-winning dish will make chili suppers a regular feature at your house. Chili looks as if it's been in the oven (see picture left). But it's cooked on top of the range. Use your favorite corn-bread recipe, or ours, reducing the liquid so batter holds its shape. Bake on greased cooky sheet. Turn steaming chili into hot bowl. Top with corn-bread biscuits.

Dutch-Oven Dinner

Braised Ox Joints* With Onions and Carrots	Big Baked Potatoes	Perfection Salad	Pineapple Cream Pie	Broiled Grapefruit

No need for pot watching. The stew simmers tender in a deep skillet or Dutch oven while the potatoes bake. It makes a meal that saves fuel, saves dishes at the sink. Sprinkle grapefruit halves with brown sugar; dot with butter. Broil, or bake, till the butter is melted. Serve for an appetite-catching first course. The pie's the one in the picture page 60. Recipe is on page 61

Photographs: Charles Kuoni

*Recipes on page 76

35 Taste-Tested Recipes *and Tips*

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What a steam iron can do for you



Everything shown in this picture has been ironed with a steam iron. Unstarched cottons needed no sprinkling; the wool sweaters are steam-pressed into original shape

YOU can't beat a steam iron for pressing. But that's only *one* of the jobs it can do for you. A steam iron will cut your weekly ironing time; freshen felts, velvets, and suedes; simplify sewing—all with surprising ease. For today's steam irons are built for easy filling and emptying, streamlined for easy handling, and are surprisingly lightweight.

A steam iron is well suited for a supporting role in the weekly ironing. It's especially handy for pressing wool sweaters to proper shape and for ironing unstarched cottons and washable rayons. In the photograph above, we've steam-ironed a seersucker dress, sheets, pillowcases, shorts, sport shirt, wool sweaters, a child's playsuit, tea towels, and lightweight cotton curtains.

Even with a steam iron, you'll probably still prefer to sprinkle and dry-iron starched dress-up cottons, fine linens, and washable silks and satins. Experiment until you can sort your ironing each week into things to be *steam*-ironed and things to be *dry*-ironed.

When your steam ironing is finished, let the iron cool enough to handle comfortably. Then drain out any remaining water—to avoid having water run out thru vents when iron cools. Clean the reservoir and steam passage occasionally, following the manufacturer's instructions.

Give your steam iron good care from the time it's new and, in return, it will give you years of good pressing and ironing service. See next page for specific jobs a steam iron does especially well, page 81 for how to fill and use it.

By Mary E. Carrick

The weekly ironing, pressing, sewing, and the freshening of fabrics in your home—all are easier with a steam iron



Press with a steam iron, and you don't have to bother with a damp cloth or worry about water spotting. The fine steam mist distributes moisture evenly. Press on wrong side. If necessary to press on right side, place white tissue paper, a pressing cloth, or double-thickness cheesecloth over the garment



Steam-iron slipcovers for perfect fit. Put the freshly laundered slipcovers on while slightly damp. Shape to fit perfectly, steaming where slight stretching is needed. Let dry; slipcover will fit like a glove. If flounce or ruffle is sewed to the body of the slipcover, use a sleeve board to iron the ruffle on the spot

Photographs: Wesley Bowman



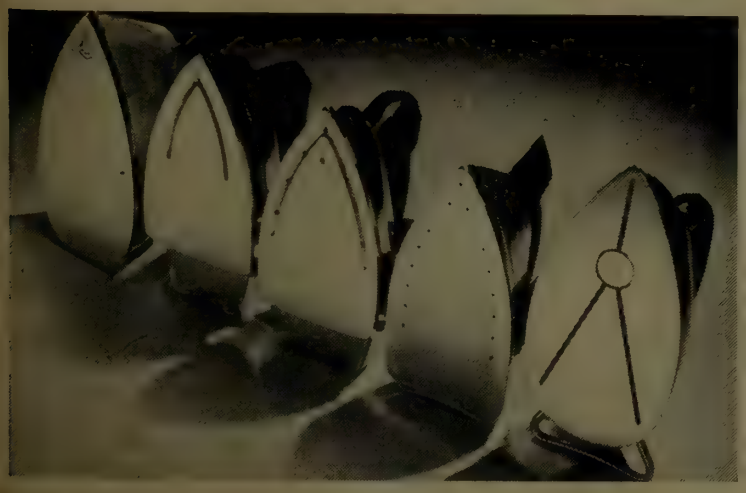
Freshen your felt hat by steaming it. Hold hat about an inch from iron. Rotate until all parts have been steamed; brush. Use same method for suede. To revive velvet, hold wrong side to steam. Dry, then brush right side gently. Or lay felts, suedes, velvets on ironing board; hold iron an inch above them



Speed up sewing with a steam iron. Use it to press seams open. It will save you time in turning hems since you can press them in place instead of basting. Even on wiry fabrics, edges stay turned and seams lie flat when steam-pressed. Here we're pressing open seams of a skirt before putting on belt



Eliminate dents in rugs made by furniture legs. Hold your steam iron about an inch above the spot and brush with whisk broom. Steam only long enough to spray mist over the surface of the rug; do not saturate. After it has dried thoroly, brush well. Go over spot with vacuum cleaner to straighten nap



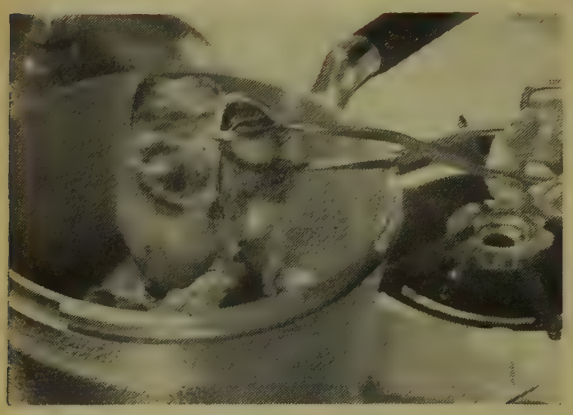
How it works

Water is heated by the iron's regular heating unit. Steam comes out of openings in the bottom of iron. The location of the vents varies with the make of iron (picture, left). In some irons the entire tank of water is heated to steaming temperature. Then the steam escapes from the tank into the steam passage and comes out thru the bottom openings. In other irons, water is heated as it drips thru a valve into the chamber containing heating unit. Steam is produced as soon as soleplate of iron is hot.

Where to get it, page 129

More on page 81

Pork Chop Dinner—twice as fast and serves 4



1 Dip chops in seasoned flour. Brown them in pressure pan. Paprika gives the chops their rich color. Add ½ cup water; cook 10 minutes under pressure



2 Add the rest of the dinner: sweet potatoes, cut in half, and whole, cored apples. (Prick apples with fork so they will hold shape.) Cook 5 minutes



3 **In less than 30 minutes**—brown, tender pork chops, sweet potatoes, and whole red apples are ready for the platter. Fix salads of crisp lettuce wedges topped with Blue cheese dressing and for dessert have chocolate cake. If you like a green vegetable, you can cook thawed, frozen peas in the pressure pan in half a minute

Big dinners from a Pressure Saucepan

Pork chops take 30 minutes in a pressure pan, not 75. Pot roast 1 hour, not 3 or 4. Spaghetti sauce 20 minutes, not 3 hours

By Tasting-Test Kitchen

THE pictures here show the 1-2-3 of getting a good dinner in a hurry.

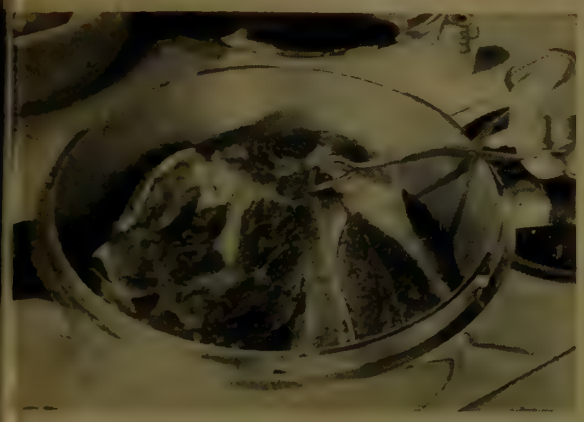
You arrive home at 5:15 or 5:30, and at 6 you're singing out, "Dinner's ready!"

There's a trick to it, of course. The trick is a pressure saucepan. The platter of brown pork chops, sweet potatoes, and whole red apples shown in the picture at the top of this page is a meal that would take 60 to 75 minutes if you didn't do the job with a pressure saucepan.

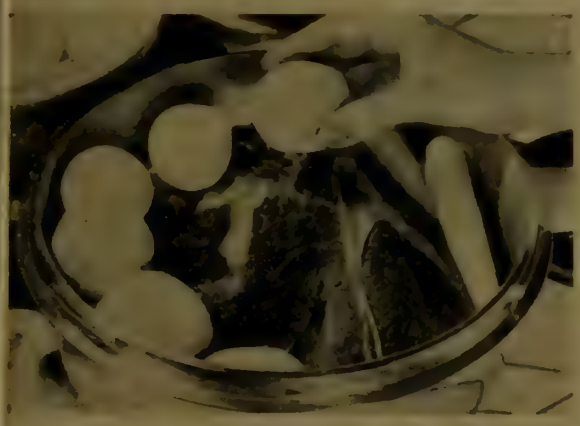
A pressure pan can cook the pork chop dinner in *30 minutes;* a big pot roast and vegetables in *1 hour*. It will have Italian Spaghetti ready on *20 minutes'* notice. (And the flavor of the sauce will be the *same* as it is the long-cooked way.) So if you want to fix a big dinner, and fix it in a hurry, get out your pressure saucepan.

Recipes on page 80

Pot Roast and Vegetables and makings for gravy



1 Brown a 3- to 4-pound pot roast in pressure pan. Season. Here we're using a new pressure fryer. Add ½ cup water and follow recipe page 80

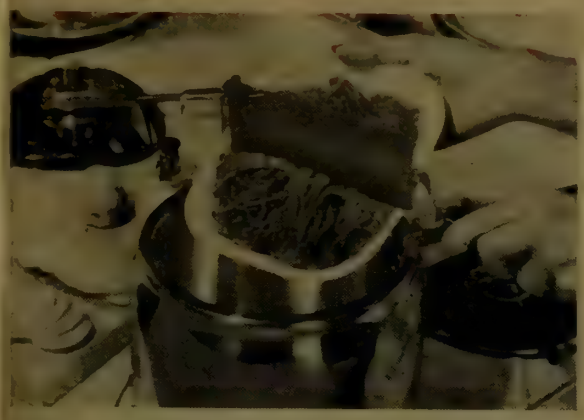


2 Thirty minutes later, reduce pressure, add vegetables: medium whole onions, carrots, whole potatoes. Sprinkle vegetables with salt. Cook 10 minutes



3 **In an hour** your pressure pan dinner is ready for the platter. Pot roast is well seasoned, tender, and juicy. Vegetables are cooked to perfection. There's good makings for gravy. Serve Waldorf Salad and a cool orange Bavarian cream for dessert. For a pot-luck supper, the pressure pan will keep food hot till serving time

Italian Spaghetti with the same flavor but more speed



1 Combine all the ingredients, listed in the spaghetti sauce recipe, page 80. In the picture we are adding ground beef, sliced onions, chopped garlic

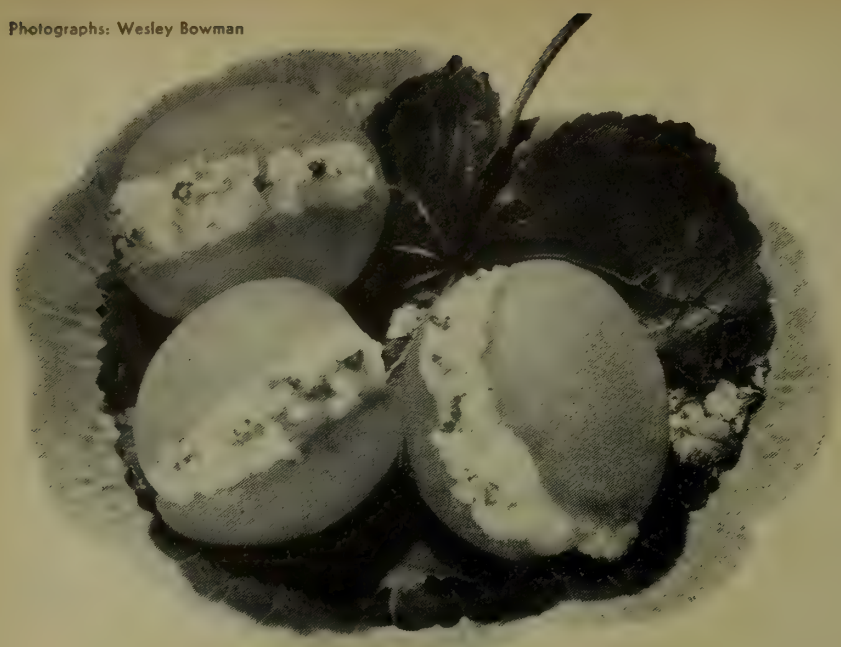


2 Next add tomato sauce, tomato paste, chili powder, seasonings, and water. Cook spaghetti sauce 20 minutes. While sauce is cooking, fix spaghetti



3 **In 20 minutes**—the same delicious dish you used to spend 3 to 5 hours cooking. Sauce is ready when spaghetti is cooked. Sprinkle with Parmesan cheese. Have a big green salad and garlic bread. Cook stew and goulash in your pressure pan, too. Follow the timing suggested in manufacturer's instruction book

Photographs: Wesley Bowman



Gold 'n' Blue Special The gold is halves of canned, whole, peeled apricots. The blue is crumbled Blue cheese mixed with a little mayonnaise. Drain the apricots thoroly and fill with the cheese mixture. Then chill salad before serving on a big galax leaf. No dressing needed



Grapefruit Pinwheel Arrange perfect grapefruit segments spiral-fashion on lettuce. Remove pits and stuff prunes with cottage cheese or cream cheese which has been blended with a little cream. Serve salad with French dressing to which you've added honey to taste

Fruit salads for your midwinter



Snow-Time Surprise This is a hot garnish salad. Serve it on the salad plate or meat platter. Fill peach half with crushed pineapple, drizzle some French dressing over the top, and broil for about 10 minutes. Serve broiled peach at once on a galax leaf or parsley, with stuffed olives



Tangy Fruit-Cocktail Ring Mold canned fruit cocktail in ginger-ale-flavored gelatine. (Recipe is on page 84—you simply substitute ginger ale for some of the liquid.) Fill hollow in center with Fruit-Salad Mayonnaise (recipe page 84) and top with a sprig of water cress



Cinnamon Star This is a cinnamon apple stuffed a new way. Cut apple (recipe page 84) in sixths, to within ½ inch of bottom. Stuff with a mixture of fluffy cream cheese, nuts, celery, and mayonnaise to moisten. Sprinkle with chopped nuts. Easy salad to serve on buffet tray



Orange-Pineapple Salad Arrange pineapple slices on plate this way:)(. You can use broken pineapple slices. Place orange sections on top as shown. Outline each section with a pimiento strip. For garnish, use curly endive, a jumbo ripe olive. Pass Fruit-Salad Mayonnaise

meals

WHEN midwinter meals settle down to humdrum fare, plan a fruit salad to bring appetites out of the doldrums and to give your family a winter health plus. The new flavor and color combinations and different arrangements shown here were all planned with an eye on the clock. The gelatine salads you can make ahead, the others you can arrange quickly just before dinner.

Be sure to take advantage of the variety in midwinter salad greens—endive, water cress, lettuce, and glossy galax leaves. For salad dressings, check the grocer's shelf or make your own.

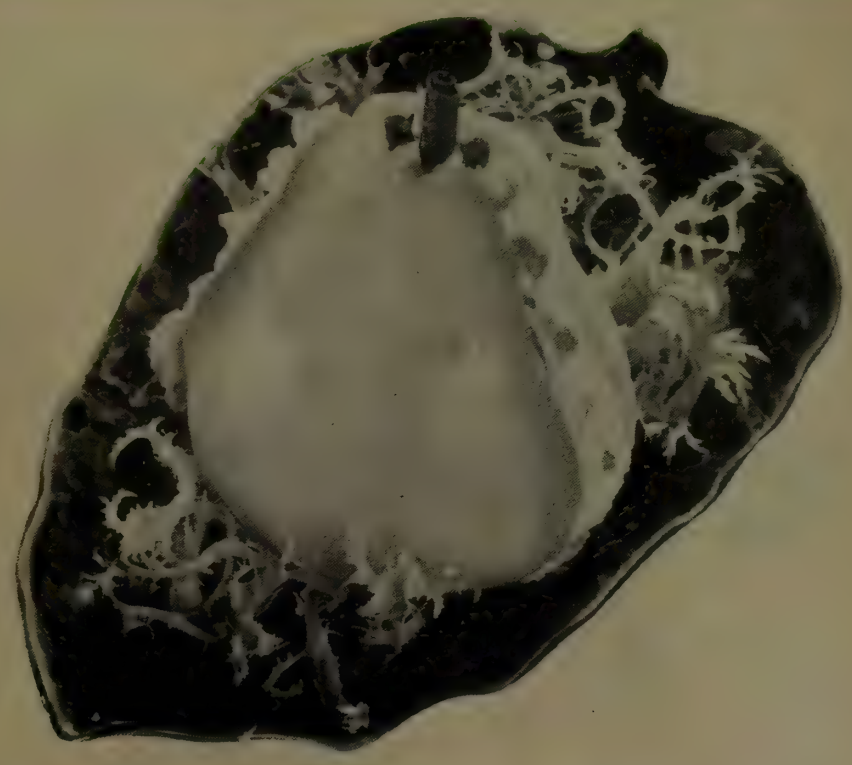
You can save time in preparation and in serving if you arrange the individual salads on a tray, chop plate, or platter. Then let each one help himself.

More salads on page 84

Recipes on page 84



California Favorite This salad is as easy to make as it looks. You place a pineapple slice on a crisp, cool lettuce leaf. Top with three strips of avocado, in fan-shaped arrangement. Garnish the salad with ripe olives or big maraschino cherries. Serve with tart French dressing



Pear With Ginger Cheese Put two chilled pear halves together with mixture of 2 tablespoons chopped crystallized ginger and a 3-ounce package of cream cheese (1 package fills three pears). Stem is stick cinnamon, with a whole clove on each side. Greens are curly endive

ECONOMY CUTS

are fit for a King when you add Heinz Tomato Ketchup



Many a thrifty meat dish... or leftover combination... takes on a world of luxurious flavor by the simple addition of spicy, wonder-working Heinz Tomato Ketchup!

HEINZ Tomato Ketchup

Makes Low-Cost Meals Delicious!

57

New trims for one-crust pies

See page 60 for "Luscious cream pies"

FOR a single-crust pastry recipe, see page 78.

Here's how to put the pastry in the pan: Fold rolled pastry in half, transfer it to pan, unfold, and fit it into pan. Don't stretch or pull the dough. Now . . . for the new trims. For the first two edges shown below, you trim the pastry with scissors, leaving ½ inch of pastry beyond edge of pan. Fold this extra half inch under. For Twister and Crisscross, trim edge of dough at rim of pan with a sharp knife.

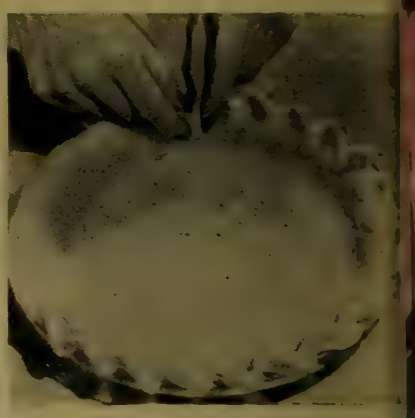


Fluted

Edge of crust is double (see how to put pastry in pan, above). Use your index finger or the handle of a knife to make the indentations. The thumb and index finger of your other hand are a wedge to push against to make the scallops around the knife handle. If definite points are wanted, as in the picture, rather than rounded flutings, pinch curved edge into points.

Zigzag

Edge of crust is double (see how to put pastry in pan, above). Use index finger and thumb of both hands, as in picture, to make the fluted edge. Use a diagonal motion, bringing fingers of your left hand toward you, pushing the fingers of your right hand toward the center of the pie, or almost directly in front of your left hand.





Twister

Crust is trimmed at edge of pan. Cut rolled pastry into ¾-inch-wide strips. Moisten rim of pastry in pan. Seal one end of strip to moistened pastry. Hold in place with finger of left hand. Hold strip in right hand above rim of crust and gently twist, as shown in picture. With the finger of the left hand hold each flattened space of twist, against rim of moistened pastry and seal it there. Continue twisting strip with right hand. Don't stretch pastry while twisting it.

Crisscross

Crust is trimmed at edge of pan. Cut rolled pastry into ½-inch-wide strips. Moisten edge of pastry in pan. Interlace the two strips on edge of pie, as shown. Be sure the strips stay flat and don't twist or turn over. Handle gently, never pulling or stretching. With finger press rounded edge on both sides of crisscrossed strip tightly against moistened edge to seal.

Photographs: Wesley Bowman



...Put stars in his eyes,"



says Frances Barton, "with this luscious Sugarplum Spice Cake!



Sugarplum Spice Cake

Preparations. Have the shortening at room temperature. Line bottoms of pans with paper; grease. Use two round 9-inch layer pans, 1½ inches deep. Start oven for moderate heat (375°F.). Sift flour once before measuring.

Measure into sifter:

2½ cups sifted Swans Down Cake Flour
(And be sure it's Swans Down!)
1 teaspoon Calumet Baking Powder
1 teaspoon soda
¾ teaspoon salt
¾ teaspoon cinnamon
¾ teaspoon cloves
1 cup granulated sugar

Measure into mixing bowl:

½ cup shortening

Measure into small bowl:

*Sour milk or buttermilk
(See below for amount)

Have ready:

⅔ cup brown sugar, firmly packed
2 eggs, unbeaten

*With butter, margarine, or lard, use 1 cup plus 2 tablespoons sour milk or buttermilk. With vegetable or any other shortening, use 1¼ cups sour milk or buttermilk.

Now—Swans Down's "Mix-Easy" Part!

1. Stir shortening just to soften. Sift in dry ingredients. Add brown sugar (force through sieve to remove lumps, if necessary). Add 1 cup of the milk and mix until all flour is dampened. Then beat 2 minutes, or *300 strokes.*

2. Add eggs and remaining milk and beat 1 minute longer, or *150 strokes.*

(Mix cake by hand or at a low speed of electric mixer. Count only actual beating time or strokes. Scrape bowl and spoon or beater often.)

Baking. Turn batter into pans. Bake in moderate oven (375°F.) 25 minutes, or until done.

Cooling. Cool cake in pans on racks for 5 minutes. Then loosen from sides with spatula, turn out, remove paper, and turn right-side up on racks to cool completely.

Frosting. Use your favorite seven-minute frosting (1 or 2 egg whites). Add 1 cup cooked prunes, cut in ½-inch pieces and drained. Spread between layers and on top and sides of cake.

(*All measurements are level.*)

s A simply super-gorgeous cake! So tender and oist and spicy 'n' nice—it's heavenly eating! nd to make a husband beam with pride! Sure npress your favorite beau!

nd, to really tickle you pink, it's a Swans Down -Easy. Simple enough for even the newest little e to turn out with ease and perfection.

ith a *guaranteed* Swans Down Mix-Easy recipe, see, you get these advantages:

No creaming **Beating cut in half**
Fewer dishes to wash
Richer taste **Keeps fresh longer**

emember, this quick, easy, success-sure recipe worked out for Swans Down exclusively. It's anteed . . . but not with any other flour.

ry it! You'll see why more women choose Swans n than any other packaged cake flour in erica!



A product of General Foods

Bake a better cake with Swans Down

How to put *summer* flavor in a *winter* salad —

(insist on Del Monte!)



Talk about summery-tasting fruits—rich, ripe and flavorful—and you're talking Del Monte's language! You get *five* of them in Del Monte Fruit Cocktail—combined in just-right proportions for flavor balance.

Ready-cut, ready-mixed, handy as can be! For all its good looks and taste, Del Monte Fruit Cocktail is quick and easy for you. And there's no such thing as a "plain" meal, with this bright flavor on the menu.

Use it for starters, salads, desserts—"as is" or in your favorite recipes. You can't miss, when you get Del Monte Brand Fruit Cocktail.

FESTIVE FRUIT SALAD

- 1 No. 2½ can Del Monte Fruit Cocktail
- 1 tbsp. sugar
- Dash of salt
- 2 tbsps. cornstarch
- 2 to 3 tsps. grated orange rind
- ¼ cup milk
- 2 tbsps. butter or margarine
- 4 unpeeled red apples
- Salad greens

Drain 1 cup syrup from fruit cocktail into saucepan; set fruit cocktail in refrigerator to chill. Mix sugar, salt, cornstarch, orange rind and milk; add to syrup in saucepan. Stirring constantly, bring mixture to boiling point and continue to cook 5 min. Beat in butter; cool. Cut 6 wedges from 1 apple; save for basket "handles." Halve other 3 apples, core them; then hollow out to within ½ inch of the peel. Brush "baskets" and "handles" with lemon juice and set aside; chop the rest of the apple and beat it into the dressing. Fill baskets with dressing, press in apple wedges (and halved orange slices, if desired) as shown. Arrange with chilled Del Monte Fruit Cocktail on salad greens. Serves 6. (You can omit the apples from both salad and dressing. The salad will be just as festive, because the fruit cocktail is Del Monte.)

One more good food from the brand that puts **FLAVOR FIRST**

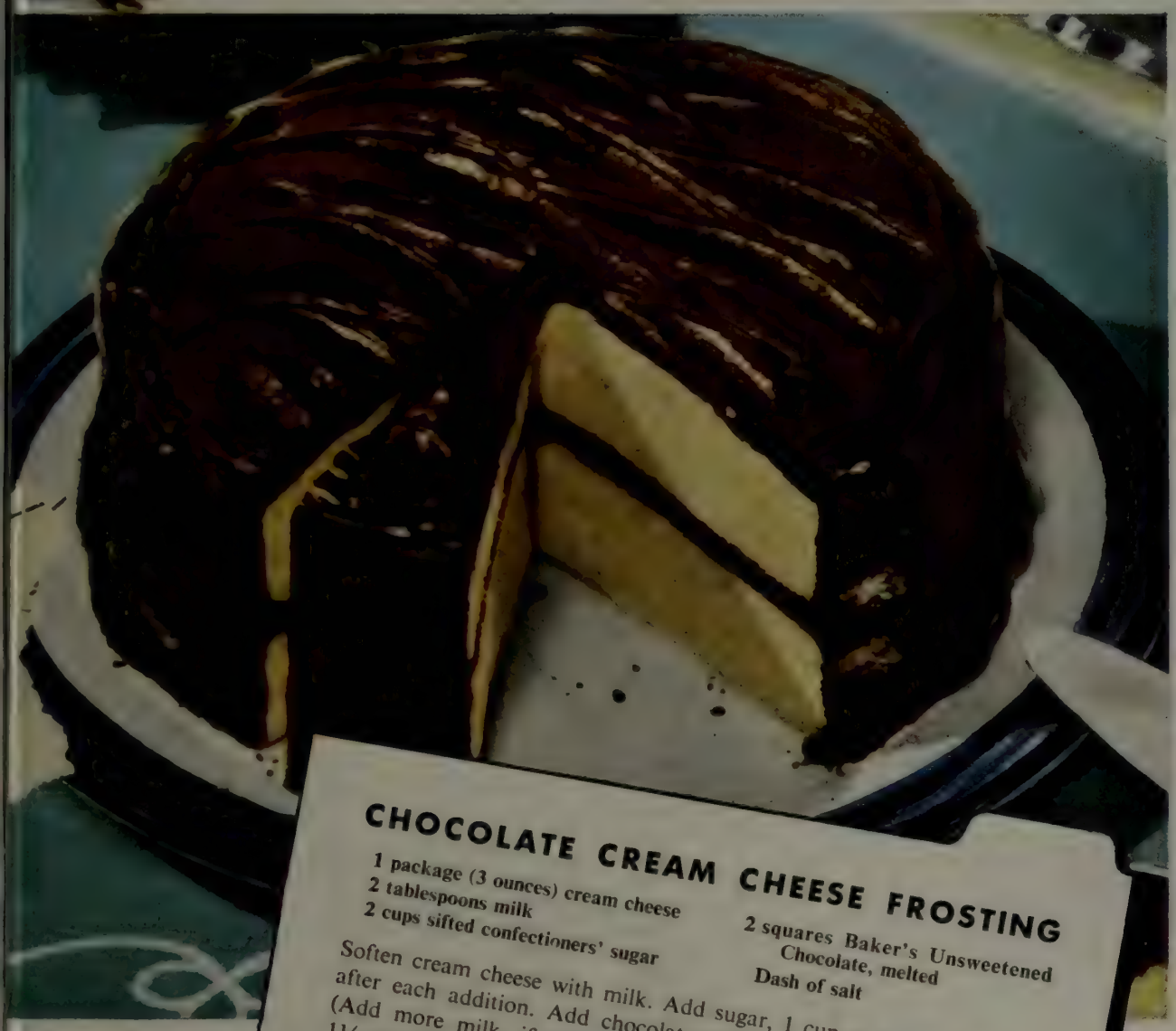


Del Monte FRUIT COCKTAIL



4 Delicious Baker's Chocolate Treats

FOR A FAMILY OF CHOCOLATE-LOVIN' FOLKS



CHOCOLATE CREAM CHEESE FROSTING

1 package (3 ounces) cream cheese
2 tablespoons milk
2 cups sifted confectioners' sugar
2 squares Baker's Unsweetened Chocolate, melted
Dash of salt

Soften cream cheese with milk. Add sugar, 1 cup at a time, blending after each addition. Add chocolate and salt and beat until smooth. (Add more milk, if necessary, for a spreading consistency.) Makes 1¼ cups frosting, or enough to cover tops of two 8- or 9-inch layers, or top and sides of an 8 x 8 x 2-inch cake, or about 2 dozen cupcakes. Double the recipe to cover tops and sides of two 10-inch layers.





Youngsters really enjoy an after-school surprise of a warming cup of Baker's Breakfast Cocoa made with milk. Ummm . . . good . . . and good *for* them, too. Baker's is America's first cocoa. Look for it in the familiar brown-and-yellow package.



When people ask you why *your* chocolate chip cookies are so delicious, you can thank Baker's Semi-Sweet Chocolate Chips. Baker's Chips are specially processed to stay crunchy right through baking. (See recipes on back of package.)



Baker's German's Sweet Chocolate makes icebox cakes that are a delight to every woman who has ever baked. Not sweet — not bitter, this delicious chocolate has a flavor all its own . . . wonderful for eating, too. (Recipes on package.)

mooth and rich as butter . . . thanks to



BAKER'S CHOCOLATE!

Whether you're making chocolate cake, pie, cookies, or icing — if it's real rich chocolate flavor you want — you insist on Baker's Chocolate. Baker's is rich chocolate, pure chocolate through and through. For generations, women all over America have been pleasing their families with chocolate desserts made with America's Number One cooking chocolate — Baker's Premium Number One.



YOU'LL WANT TO TRY THE WHOLE WALTER BAKER FAMILY!

DOT CHOCOLATE • DE LUXE DUTCH PROCESS COCOA • SEMI-SWEET CHOCOLATE CHIPS • PREMIUM NUMBER ONE • BREAKFAST COCOA • GERMAN'S SWEET



Fresh thought for tonight...

When you find *this* thought floating up from your subconscious—relax! Your folks are in for some real eating enjoyment with those luscious big, baby-tender Green Giant Brand peas. Grown from special seeds by a scientific system of "Flavor Farming." Packed at that "fleeting moment of perfect flavor" (before the sugar has turned to starch). The Green Giant on the label is your assurance of the same dewy freshness in every can.

Minnesota Valley Canning Company, headquarters, Le Sueur, Minnesota; Fine Foods of Canada, Ltd., Tecumseh, Ontario. Also packers of Niblets Brand whole kernel corn.

Listen to the Fred Waring Show on NBC every Friday morning for the Green Giant



GREEN GIANT PEAS

BRAND

"Green Giant" and "Niblets" Brands U. S. Pat. Off. © MVCCo.

Save money on meat

Meals appear on page 62

Spanish Pork Steak

A meal you can fix in skillet, Dutch oven, or casserole—

- ¾ cup rice
- 6 pork shoulder steaks
- 1 teaspoon fat
- 1½ teaspoons salt
- 1 large green pepper
- ½ cup minced onion
- 1 No. 2 can (2½ cups) tomatoes

Wash rice; cover with water and let stand one-half hour. Brown pork steaks in hot fat; season. Cut 6 ¼-inch slices from green pepper and place one slice on each steak; dice remaining pepper and sprinkle over meat, then sprinkle minced onion over meat. Fill pepper rings with rice (place remaining rice around meat). Pour over tomatoes; cover tightly and cook until rice is tender, about 30 minutes. Baste occasionally. Serves 6.

Mocha Chiffon Cake

Light feathery cocoa cake—with a hint of coffee flavor—

- ⅜ cup boiling water
- ¼ cup cocoa
- ⅞ cup cake flour
- ⅞ cup sugar
- ½ teaspoon salt
- 1½ teaspoons baking powder
- ¼ cup cooking oil
- 4 *unbeaten* egg yolks
- ½ teaspoon vanilla
- ⅛ teaspoon red food coloring, if desired
- ½ cup stiff-beaten egg whites (4)
- ¼ teaspoon cream of tartar

Combine boiling water and cocoa; stir till smooth. Sift together flour, sugar, salt, and baking powder into bowl. Make a well in dry ingredients; add in order cooking oil, egg yolks, cooled cocoa mixture, vanilla, and red food coloring. Beat until satin smooth. Whip egg whites with cream of tartar till whites form *very stiff* peaks. Fold egg-yolk mixture gradually into egg whites. Bake in ungreased 8-inch square pan in a moderate oven (350°) 30 to 35 minutes. Invert pan to cool. Frost with **Mocha Chocolate Frosting:** Combine 6 tablespoons cocoa and 6 tablespoons hot coffee; add 6 tablespoons butter or fortified margarine and 1 teaspoon vanilla; beat till smooth. Add 3 cups confectioners' sugar gradually; beat.

Chili Con Carne With Corn-Bread Biscuits

Biscuits are baked separately, served on hot chili—

- 1 large onion, sliced
- 1 green pepper, chopped
- 1 pound ground beef
- 3 tablespoons fat
- 1 No. 2½ can (3½ cups) tomatoes
- 1½ teaspoons salt
- ⅛ teaspoon paprika
- ⅛ teaspoon cayenne pepper
- 3 whole cloves
- 1 bay leaf
- 1 to 2 tablespoons chili powder
- 1 No. 2 can (2½ cups) kidney beans

Cook onion, pepper, and meat in hot fat until onion is golden. Add tomatoes and seasonings. Simmer 2 hours. Add beans; heat thoroly.

Corn-Bread Biscuits: Sift together ½ cup enriched flour, 1 teaspoon salt, ½ teaspoon baking powder, and ½ teaspoon soda. Stir in ¾ cup yellow corn meal. Cut in 2 tablespoons shortening. Add 1 well-beaten egg and ⅔ cup milk. Mix just until flour is moistened. Drop from spoon onto greased baking sheet. Bake in hot oven (425°) until golden. Serve on hot Chili Con Carne. Serves 6.

Upside-Down Ham Loaf

You put brown sugar and crushed pineapple in the bottom of the baking pan—

- ⅓ cup light brown sugar
- 1 cup drained crushed pineapple
- 1 pound ground smoked ham or shoulder
- 1 pound ground pork
- 1 cup dry bread crumbs
- ¼ teaspoon pepper
- 2 beaten eggs
- 1 cup milk

Sprinkle sugar over bottom of greased 5½- by 10½-inch loaf pan. Cover with crushed pineapple. Combine remaining ingredients. Mix thoroly. Pack in pan. Bake in moderate oven (375°) 1¼ hours. Turn upside down on platter. Top with maraschino cherry flowers. Serve with hot buttered green beans. Garnish with celery leaves. Serves 8.

Glazed Parsnips

They bake in the oven 20 minutes—

- 12 medium parsnips, cut in half lengthwise
- 2 tablespoons water
- ½ cup brown sugar
- ¼ cup butter or fortified margarine

Cook parsnips in small amount of boiling, salted water, until tender. Drain. Combine remaining ingredients; heat to boiling and stir until sugar dissolves. Arrange parsnips in shallow baking dish; pour over syrup. Bake in moderately hot oven (375°) 20 minutes. Serves 6.

Pumpkin-Nut Pie

Dark corn syrup accounts for its good flavor and texture—

- ⅓ cup brown sugar
- ½ teaspoon salt
- ½ teaspoon ginger
- ½ teaspoon cinnamon
- ¼ teaspoon nutmeg
- ¼ teaspoon cloves
- 1½ cups cooked pumpkin
- 3 slightly beaten eggs
- ½ cup dark corn syrup
- ¾ cup evaporated milk
- ¾ cup milk, scalded
- ½ recipe Plain Pastry
- ½ cup chopped California walnuts

Combine sugar, salt, spices, pumpkin, eggs, syrup, and evaporated milk. Gradually add hot milk, stirring constantly. Pour into

main dishes

9-inch pastry-lined piepan. Sprinkle with chopped walnuts. Bake in hot oven (450°) 10 minutes, then in moderate oven (325°) 40 minutes, or until a knife inserted 1 inch from center comes out clean; sprinkle nuts over top of pie about 10 minutes before it is done.

Veal Stew With Buttered Noodles

Onions, celery, and peas are the vegetables in the stew—

- 2 pounds veal shoulder, cut in 1-inch pieces
- 3 tablespoons enriched flour
- 2½ teaspoons salt
- 2 tablespoons fat
- 3 cups cold water
- 1 cup celery sticks, 2 to 3 inches long
- 6 to 8 small white onions
- 2 cups cooked peas
- 2 cups noodles

Coat veal with mixture of flour, salt, and pepper; brown in hot fat in heavy skillet. Add water; cover and reduce heat. Simmer about 1¼ hours. Add celery and onions and continue cooking until tender, about 20 minutes. Add peas and heat thoroly. Thicken liquid for gravy. Season to taste. Serve with noodles. Cook noodles in boiling, salted water until tender. Drain. Sprinkle with paprika to serve. Serves 6. **Note:** If you like a brown gravy add 2 to 3 teaspoons kitchen bouquet.

Caramel-Coconut Custard

Flavor is burnt sugar—

- ½ cup sugar
- 3 cups milk, scalded
- 4 slightly beaten eggs
- ¼ teaspoon salt
- 1 teaspoon vanilla
- ¼ cup shredded coconut

Melt ¼ cup sugar in skillet until caramelized, stirring constantly. Gradually add hot milk to syrup, stirring constantly. Combine eggs, salt, vanilla, and remaining ¼ cup sugar. Slowly add caramel mixture. Pour into custard cups; sprinkle with coconut. Bake in shallow pan—1 inch hot water surrounding in moderate oven (325°) 30 to 40 minutes or until mixture doesn't adhere to knife. Serves 6.

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THIS TELEVISION AGE



"There now, wasn't that easy?"

Orange Rolls

Make like cinnamon rolls—the filling is butter, sugar, and orange peel—

- ¾ cup milk, scalded
- ¼ cup shortening
- ⅓ cup sugar
- 1 teaspoon salt
- 1 cake fresh or 1 package granular yeast
- 2 beaten eggs
- ¼ cup orange juice
- ½ cup candied orange peel
- 4 to 4½ cups enriched flour
- ½ cup butter or fortified margarine
- ¾ cup sugar
- 3 teaspoons grated orange peel

Combine milk, shortening, sugar, and salt; cool to lukewarm. Add crumbled yeast and stir well. Add eggs, orange juice and candied orange peel, and one-half flour; beat till smooth. Add remaining flour gradually; mix well. Place dough in greased bowl. Cover and let rise till double. Divide dough in half; roll each half into a rectangle 8 by 18 inches. Spread with softened butter or fortified margarine; sprinkle with sugar and grated orange peel. Roll and cut in 1½-inch slices. Place cut side down in greased baking pan; cover and let rise till double. Bake in moderately hot oven (375°) about 25 minutes. Makes about 2 dozen rolls.

Braised Ox Joints

Get out your stew kettle for a savory meat treat—

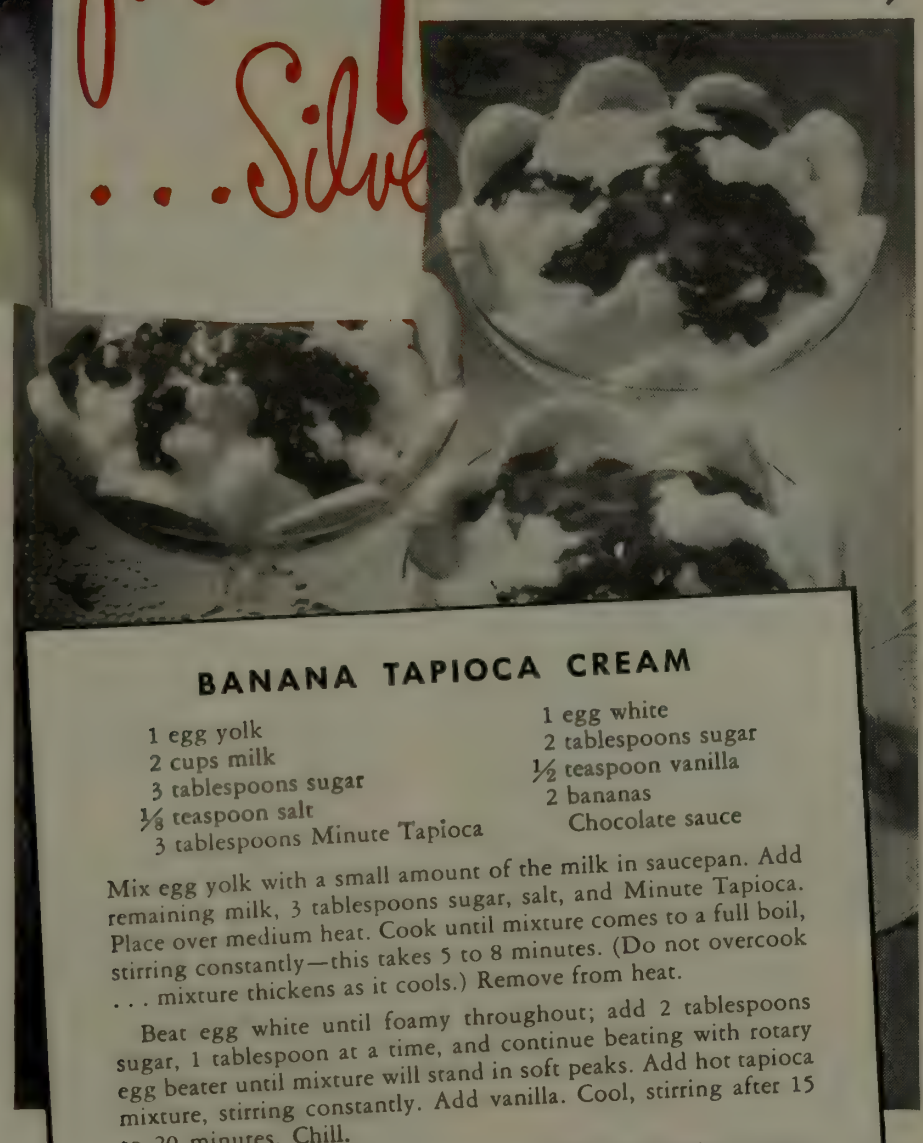
- 1 2-pound oxtail, cut in 2-inch lengths
- 2 tablespoons fat
- 1 cup minced onion
- 1 clove garlic, mashed
- 2 cups hot water
- 1 teaspoon salt
- 1 teaspoon celery salt
- ⅛ teaspoon pepper
- 1 bay leaf

Brown oxtail in hot fat. Add onion and garlic and cook until golden. Add remaining ingredients; heat to boiling. Simmer until meat is tender, 3½ to 4 hours. Add water as needed. Remove meat and thicken liquid for gravy. To thicken: Mix 2 tablespoons enriched flour and 2 tablespoons cold water for each cup of liquid. Stir into liquid. Cook 1 minute or until thickened, stirring constantly. Serves 5 to 6.

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IOCA—GENUINE MINUTE TAPIOCA)



BANANA TAPIOCA CREAM

- 1 egg yolk
- 2 cups milk
- 3 tablespoons sugar
- ⅛ teaspoon salt
- 3 tablespoons Minute Tapioca
- 1 egg white
- 2 tablespoons sugar
- ½ teaspoon vanilla
- 2 bananas
- Chocolate sauce

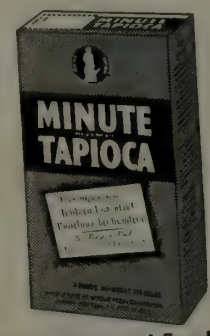
Mix egg yolk with a small amount of the milk in saucepan. Add remaining milk, 3 tablespoons sugar, salt, and Minute Tapioca. Place over medium heat. Cook until mixture comes to a full boil, stirring constantly—this takes 5 to 8 minutes. (Do not overcook . . . mixture thickens as it cools.) Remove from heat.

Beat egg white until foamy throughout; add 2 tablespoons sugar, 1 tablespoon at a time, and continue beating with rotary egg beater until mixture will stand in soft peaks. Add hot tapioca mixture, stirring constantly. Add vanilla. Cool, stirring after 15 to 20 minutes. Chill.

Just before serving, dice bananas and fold into tapioca cream. Serve with a topping of chocolate sauce and additional banana slices. Makes 6 luxurious servings. So elegant to look at—such heaven to taste—you'll hardly believe it's so quick and easy to fix. Thrifty, too!

• • •

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Recipes for Luscious cream pies

[*Begins on page 60*]



Cream Pie

The meringue is made in a double boiler. You make it as you would seven-minute frosting—

¼ cup cornstarch
⅔ cup sugar
¼ teaspoon salt
2 cups milk, scalded
3 slightly beaten egg yolks
2 tablespoons butter or fortified margarine
½ teaspoon vanilla
1 cup moist, shredded coconut
1 9-inch baked pastry shell

Mix cornstarch, sugar, and salt; gradually add milk. Cook in double boiler till thick, about 10 minutes, stirring constantly. Slowly add small amount of hot mixture to egg yolks; stir into remaining hot mixture. Cook 5 minutes. *Cool;* add butter and vanilla. Stir in 1 cup coconut. Pour into *cooled* baked shell and spread with **Coconut Meringue:** Combine 2 egg whites (unbeaten), ½ cup sugar, ⅛ teaspoon salt, and 2 tablespoons water in double boiler. Beat with rotary egg beater till thoroly blended. Cook 1 minute over boiling water, beating constantly. Remove from hot water; beat 2 minutes longer or until mixture stands in peaks. Pile lightly on filled pie; sprinkle with ½ cup toasted shredded coconut. To toast coconut, spread on cooky sheet. Brown lightly in hot oven (400°). Watch it—should be a golden brown.

Lemon Meringue Pie

It's perfect lemon pie. Make the swirls in the meringue with the back of a teaspoon—

1 cup sugar
1¼ cups water
1 tablespoon butter or fortified margarine
¼ cup cornstarch
3 tablespoons cold water
6 tablespoons lemon juice
1 teaspoon grated lemon peel
3 egg yolks
2 tablespoons milk
1 8-inch baked pastry shell
Meringue:
3 egg whites
6 tablespoons sugar
1 teaspoon lemon juice

Combine sugar, water, and butter; heat until sugar dissolves. Add cornstarch blended with cold water; cook slowly until clear, about 8 minutes. Add lemon juice and peel; cook 2 minutes. Slowly add egg yolks beaten with milk; heat to boiling. *Cool.* Pour into *cooled* baked shell. **Meringue:** Beat egg whites till stiff but not dry; add sugar gradually; add lemon juice last. Spread meringue over cooled filling, sealing to edges of pastry. Brown in moderate oven (350°) 13 to 15 minutes.

Banana Cream Pie

Each wedge gets a fluff of whipped cream garnished with banana slices—

¼ cup cornstarch
⅔ cup sugar
¼ teaspoon salt
2 cups milk, scalded
3 slightly beaten egg yolks
2 tablespoons butter or fortified margarine
½ teaspoon vanilla
2 or 3 sliced bananas
1 9-inch baked pastry shell

Mix cornstarch, sugar, and salt; gradually add milk. Cook in double boiler till thick, about 10 minutes, stirring constantly. Slowly add small amount of hot mixture to egg yolks; stir into remaining hot mixture. Cook 5 minutes. *Cool:* add butter and vanilla. Slice bananas into *cooled* baked shell, and pour over cooled filling. Garnish with whipped cream and additional banana slices. To flute banana, mark with tines of fork, then slice diagonally.

Plain Pastry

1 cup enriched flour
½ teaspoon salt
⅓ cup shortening
2½ to 3 tablespoons water

Sift flour and salt; cut in shortening until size of crumb resembles small peas. Gradually add water; mix until dough just holds together. Turn onto pastry cloth. Roll ⅛ inch thick. Line piepan; crimp edge. (See "New trims for one-crust pies," page 70.) Prick bottom with fork. Bake in hot oven (450°) about 15 minutes.

What kind of success do we want for our children?

[*Begins on page 50*]

the Forest Service when he was along 14, bought him books to read up on trees. Never could read much myself, but he read 'em to me. He's made good, Yank has."

The same was true for Lockwood, Cleveland, John Daniel, Lyric, and Gaybird Temple, the last two being daughters who married town boys that "done well." One son is in real estate, one in law, one in aviation. Only little Ethel Louella, the baby of the family, "couldn't make up her mind for a while," said Uncle Hades, who is not really a kinsman of mine but is everybody's uncle. Ethel Lou went off to college to study history and literature, bound to make a lady of herself. Then she came right back to the home ranch. Not until she was 25 did she marry, and then to a young man who is starting a ranch of his own. "I knowed she'd do it," her old pap laughed, proudly. "Shot bear before she was 14, rode any bucking horse I had, knows more about fancy cattle breeds than I do. A body has to do what gits in the blood."

Success, life success, stood out prominently on all these sturdy people. Hades Temple could have been a fierce and narrow-minded old hellion, his wife a pinch-faced shrew. But I have never anywhere else seen such benevolence, such assurance and poise and pride. Somewhere down their heritage these two pioneers acquired common sense.

IF YOU and I acquire it, it may come the hard way. For it takes parental strength to let a child pick his own road to success, then help him. A few of us beget prodigies—a boy or girl who, very young, shows extraordinary talent. It may be in music, in mathematics, in art, anything. Whence it comes nobody ever seems to know. And records show that the standout child is more than likely to be a standout adult, to go on up in his talent, even to the peak of genius. It takes brainy parents to watch such a growth and remain levelheaded. But most of us, perhaps fortunately, are blessed with average kids; Marys and Juniors and Busters and Janies who fill the house with noise and make us wonder whatever is to be done with them. We oldsters feel an urge to do what is right, but confusion can engulf us. Yet there are some direct actions to take, some how-to which can sustain us.

Go, for instance, to your child's school. Not for 10 minutes in the rush of morning, but for an hour at day's end. Better, take the teacher or several of his teachers to dinner, and analyze Junior from all points of view. They will have inspected him objectively, which is more than you can do. Yet they will be mildly prejudiced in his favor, enough to want to help guide him.

If you carry a chip on your shoulder, if you are steeped in fatuous pride, you may be indignant at first, or hurt. It may be your Junior's inalienable right to be president someday, but the poor kid may, alas, be entirely too much like you, his parent, ever to achieve that high station.

Some youngsters are just a little backward mentally, a little slower to learn. Teachers are trained to point out that fact tactfully and help you give the child an extra

[*Turn to page 88*

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Smart cook!



How to bake apples so they don't crack

Peel a one-inch band along the apple's equator—that's the secret. Stuff centers with brown sugar and raisins. Add a little water to pan. Bake in moderately hot oven (375°) about 45 minutes. Baste apples frequently or cover the pan.

Big dinners from a pressure saucepan

[*Begins on page 66*]

Pork Chop Dinner

4 pork chops, 1¾ inches thick
½ cup enriched flour
1 teaspoon salt
1 tablespoon paprika
1 tablespoon fat
½ cup water
2 medium sweet potatoes, cut in half
4 medium apples cored

Dredge chops in mixture of flour, salt, paprika. Preheat pressure saucepan and brown chops on both sides in hot fat. Add water. Adjust cover; exhaust air from cooker. Cook at 15 pounds pressure 10 minutes. Reduce pressure rapidly. Open cooker and place potatoes on chops. Prick skins of apples and place them in cooker. Adjust cover; exhaust air and cook at 15 pounds pressure 5 minutes. Reduce pressure rapidly. Serves 4.

Pot Roast and Vegetables

1 tablespoon fat
3 to 4 pounds beef chuck or rump pot roast
Salt and pepper
½ cup water
4 to 6 small potatoes
4 to 6 medium onions
4 to 6 medium carrots

Heat pressure pan; add fat. Brown roast on all sides. Season. Add water. Adjust cover; exhaust air from cooker. Cook at 15 pounds pressure 30 to 35 minutes. Let pressure return to normal. Open cooker. Place vegetables on top. Season. Adjust cover; exhaust air from cooker. Cook at 15 pounds pressure 10 minutes. Reduce pressure rapidly. Serves 4 to 6.

20-Minute Italian Spaghetti

2 tablespoons salad oil
1 pound ground beef
4 or 5 medium onions, sliced
3 or 4 cloves garlic, chopped
1 8-ounce can tomato sauce
2 6-ounce cans tomato paste
½ teaspoon red pepper
1 tablespoon chili powder
1 teaspoon salt
⅛ teaspoon pepper
2 cups water

Combine all ingredients in pressure pan. Adjust cover. Exhaust air from cooker. Cook at 15 pounds pressure—20 minutes. Reduce pressure quickly. Serve over cooked spaghetti (1 8-ounce package long spaghetti). Top with Parmesan cheese. Serves 6.

Resolutions

He who breaks a resolution is a weakling.
He who makes one is a fool.
—*F. M. Knowles, A Cheerful Year Book*

There is no such thing in man's nature as a settled and full resolve either for good or evil, except at the very moment of execution.
—*Hawthorne, Twice-Told Tales: Fancy's Show Box*

The fatality of good resolutions is that they are always too late. —*Oscar Wilde, The Picture of Dorian Grey*



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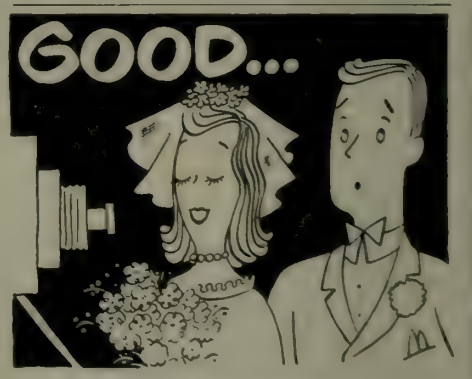
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What a steam iron can do for you

Begins on page 64

How to use a steam iron



You get the best results with a steam iron if you move it in long, slow, even strokes. By using this ironing technique, you allow the steam to penetrate the fabric evenly so that wrinkles are removed the first time the iron is run over a section of the garment. This saves the time usually spent going over the same part of the material more than once.

How to fill



The method of filling steam irons with water varies with the make of iron. In this model, you pour water thru an opening located near the front of the handle. It is best to use soft or distilled water in steam irons since hard water contains corroding minerals which may clog the steam valves. Consult manufacturer's recommendations before using iron.



Filler opening in this steam iron is located in the main body of the iron. A funnel makes filling easier. Most new steam irons hold at least 1 cup water—enough for about 30 minutes of ironing or pressing. By measuring the full amount of water which your steam iron will hold, you get maximum steaming time from it and reduce the number of refills.





The steam iron illustrated in the two photographs above has a separate steam attachment. You snap this attachment on to the dry iron for steam ironing. When you've finished, just remove the attachment and put it away. The lip around the filler opening makes it easy to fill. Close water compartment with screw cap, lock the iron in place, and you're all ready to go. Most of the other types of steam irons which have built-in water tanks can be used with equal ease for dry ironing. It's simply a matter of emptying the water remaining in the tank or flipping a switch to turn off the steam.

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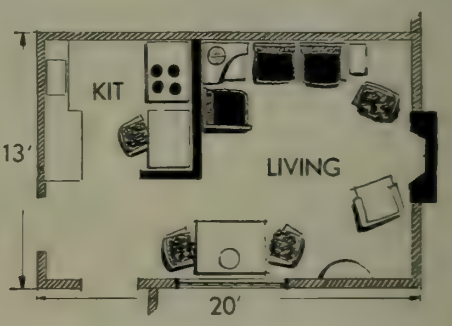
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In the dining area we use simple furnishings to give the room a restful look. It is furnished with pine furniture slipcovered with the same drapery material used for a slipcover and curtain in the living area. We decorated the room as a unit

Cooking area is walled off with a physical barrier that makes the kitchen keep its place. The partition, with shelves in the end for table linens, glass, and silver, can be removed whenever we rearrange the room. Sansevieria in plant boxes requires little care, and helps screen the area. Our sleeping area is in a separate room



How to get more living from one room

By Robert Cottington

GETTING more living out of one room is often a matter of determining what you want the room to do and budgeting an area to each activity. But the problem is *how* to do that without sacrificing the over-all appearance of the room. We have found that you can combine living, eating, and cooking in one room and do it with comfort and dignity if you do three things:

▸ Use simple, homespun furnishings, nothing pretentious.

▸ Separate the room into living, eating, and cooking areas and keep them separate, but decorate all three areas the same way.

▸ Put a physical barrier between the living and kitchen sections. Unless there is a barrier the kitchen equipment will loom out at you.

The photographs show how we are using these principles to get more living from one room that is only 13 by 20 feet in size.

Photographs: Suter, Hedrich-Blessing



Room, 13 by 20, is separated into areas for different purposes. Our dining space (right) is out of living area. Kitchen (left) is well screened This is a behind-the-scenes view you don't get from the dining area. To give all the areas one mellow background I paneled the walls, and finished the paneling in a driftwood color. You'll find it helpful to have a center of interest around which to group your living area—a large window, a fireplace, a radio-phonograph, something to build around We built a stone fireplace where there had been a small window, and used a raised hearth that doesn't take floor space

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THIS column is devoted each month to answering your questions about the homemaking problems which at some time face every family. The responses below are taken direct from the pages of *Better Homes & Gardens* books.

Q *We're all ready to plan a new color scheme for our home. What is the first step?*

A Every color scheme is built on one backbone color. Your first step is to choose this color. Before you do, consider two things: (1) What color do you like and feel at home with? If you choose colors you all like, your scheme will soothe the family temperament. (2) What direction does your room face? If your room faces north or east, make your backbone color a warm one. If south or west, you'll be more comfortable with a cooler basic color. (From the *Better Homes & Gardens Home Furnishings Ideas* book.)

Q *Is there anything we can do to keep our baby from spitting up after a feeding?*

A Spitting up may be due to overfeeding. Try giving a little less milk.

If baby's head is raised a little by slipping a small pillow under the mattress, he'll probably spit up less in bed. The condition usually stops when a baby begins taking solid food. Repeated or constant vomiting should be investigated. (From the *Better Homes & Gardens Baby Book.*)

Q *Can all-purpose flour be used satisfactorily for cake baking?*

A Cake flour has a more tender gluten and is best for delicate cakes made with shortening and for angel and sponge cakes. General-purpose flour may be substituted in some recipes, but the texture will not be as fine. (From the *Better Homes & Gardens Cook Book.*)

THE books from which these answers are taken are published by *Better Homes & Gardens.* They are an extension of the editorial service *Better Homes & Gardens* offers.

You can buy them at newsstands, infants' wear, book, and department stores everywhere. Or send your order direct to *Better Homes & Gardens*, 8301 Meredith Building, Des Moines 3, Iowa.

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When she's dancing at college proms . . .





. . . Frigidaire's 10-year Protection Plan will still be guarding this water heater!

Yes, a special Frigidaire Protection Plan guards the new Frigidaire Electric Water Heaters for *10 full years*—longer than this girl will need to grow from hair-bows to best beaux. And these dependable water heaters are built to last for many years beyond that!

A wonder-working magnesium rod is the secret of these added years of usefulness. Whether the water where you live is hard, soft or in-between, this rod diverts corrosive elements from tank walls to itself, thus checking "pitting," rust and "red water."



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Choice of table top or round upright models; 30 to 80 gallon sizes. See them now at your Frigidaire Dealer's. Find his name in Classified Phone Directory. Or write Frigidaire Division of General Motors, Dayton 1, Ohio. (In Canada, Leaside 12, Ont.)

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Turkey left over?



by Betty Crocker

TO DRESS UP LEFTOVER TURKEY, serve turkey shortcakes with fragrant sage biscuits. Delicious! Simply follow meat shortcake directions on Bisquick box, but mix 1 tsp. crumbled dry sage with the Bisquick before adding cream. Fluffy biscuits so easy with Bisquick!

Savory Filling

Mix.....1½ to 2 cups cubed leftover turkey or chicken
with.....2 cups gravy or white sauce
Stir in.....grated onion
Heat until bubbling hot.

* * *

Quickie Sauce: Heat 1 can condensed mushroom soup diluted with ½ can water. Delicious with turkey or chicken!

Turkey Shortcakes
Buttered Carrot Strips and Green Beans
Cranberry Orange Relish
Chocolate Cookies Coffee

* * *

MAKE MEAT GO FARTHER with plenty of Bisquick hot rolls, biscuits, muffins. Hearty meat pies, fluffy dumplings. All are bakings you'll be proud of! Bisquick gives you quality ingredients, blended just right.



YOU MEASURE 6 INGREDIENTS AT ONCE, WITH BISQUICK

Cranberry Orange Relish: *Pare rind from 1½ oranges.*
Remove seeds, membrane.
Put through grinder the oranges, with rind
4 cups raw cranberries
Mix with 2 cups sugar
Let stand a few hours before serving.

* * *

WHAT VARIETY, with Bisquick! Directions for 12 bakings on box. Tested by our General Mills food staff. For biscuits, just add milk. Waffles, pancakes, hot rolls, cobblers mixed in a jiffy, too. Try Bisquick for all of them.

General Mills

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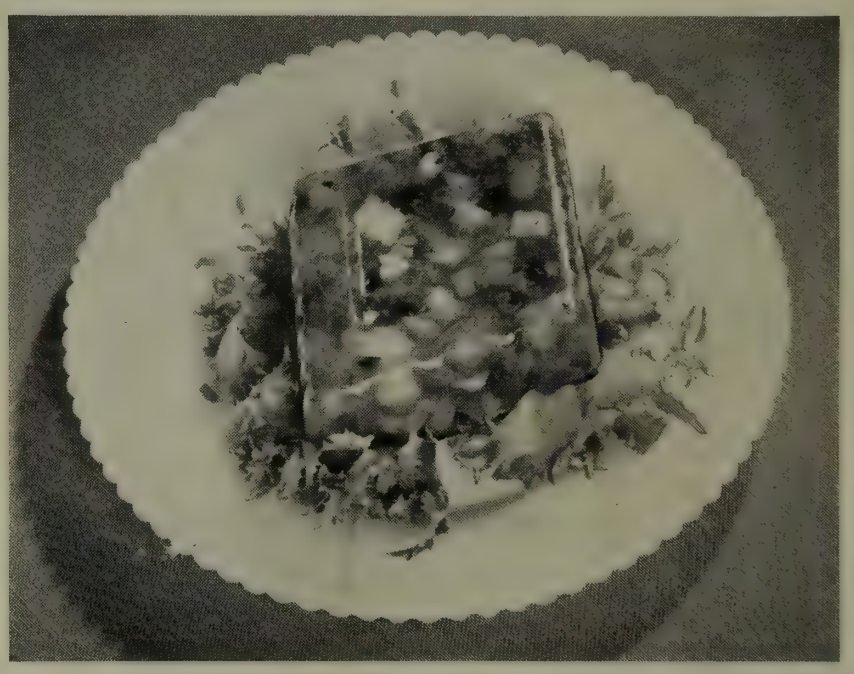


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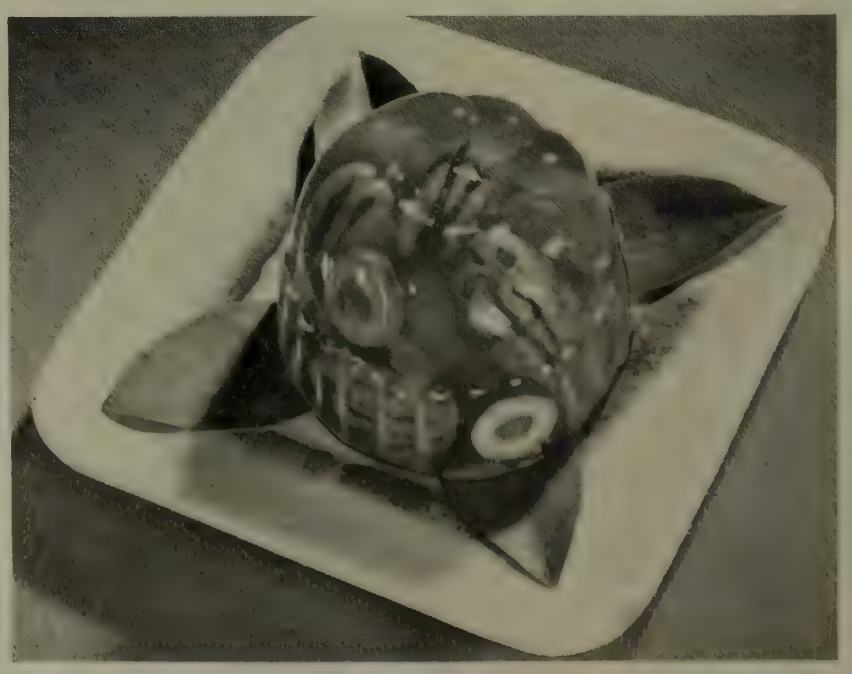
Fruit salads *Begins on page 68*



Pineapple-Peach Sandwich. Spread a layer of tart crabapple or currant jelly between a pineapple slice and peach half, placed cut side up. The fluffy top is cream cheese whipped with mayonnaise



Cranberry Squares. Try this new variation of your old favorite—cranberries. Recipe is at the right. Salad is cherry-flavored gelatine, cranberries, pineapple, orange, celery, walnuts. Garnish with endive



Black Cherry Salad. Big Bing cherries, pecans, and stuffed olives are molded in orange-flavored gelatine. It's a salad that's unusual, and delicious. Recipe at right. Snip shiny leaves from your Christmas greens

Cinnamon Stars

6 apples
½ cup red cinnamon candies
¼ cup sugar
2 cups water

Pare and core apples. Cook candies and sugar in water until dissolved; add whole apples and cook slowly until transparent but not soft. Chill. Cut apple in sixths to within ½ inch of bottom. Combine cream cheese with chopped California walnuts and celery, and add enough mayonnaise to moisten. Top with chopped nuts.

Tangy Fruit-Cocktail Ring

Soften 1 tablespoon (1 envelope) unflavored gelatine in 2 tablespoons water. Drain a No. 2 can (2½ cups) fruit cocktail. Heat syrup to boiling; pour over gelatine and stir until dissolved. Cool. Add 1 cup ginger ale. Chill until partially set. Add drained fruit cocktail. Pour into oiled individual ring molds and chill until firm. Serves 6 to 8.

Cranberry Squares

1 package cherry-flavored gelatine
1 cup hot water
1 cup sugar
1 tablespoon lemon juice
1 cup pineapple syrup
1 cup ground raw cranberries
1 orange, ground
1 cup drained, crushed pineapple
1 cup chopped celery
½ cup chopped California walnuts

Dissolve gelatine in hot water. Add sugar, lemon juice, and pineapple syrup. Stir to dissolve. Chill until partially set. Add remaining ingredients. Chill in oiled individual molds as shown at left, or in shallow pan. Serve squares on lettuce; pass mayonnaise. Serves 8.

Black Cherry Salad

1 No. 2½ can (3½ cups) pitted Bing cherries
⅓ cup lemon juice
1 package orange-flavored gelatine
¾ cup chopped pecans
1 3-ounce bottle stuffed olives, sliced

Drain cherries; add water to cherry syrup and lemon juice to make 1¾ cups liquid. Heat; pour over gelatine and stir until dissolved. Chill until partially set; add cherries, nuts, and olives. Pour into individual molds or shallow pans; chill until firm. Serve on lettuce with mayonnaise or salad dressing. Serves 6 to 8.

Fruit-Salad Mayonnaise

½ cup mayonnaise
2 tablespoons lemon juice
¼ cup confectioners' sugar
½ cup heavy cream, whipped

Combine mayonnaise, lemon juice, and sifted sugar. Fold in whipped cream. Serve at once. Makes about 1½ cups.



Lamb Stew — Hunt Style

2 lbs. lamb shanks, cut in small pieces
1 tsp. salt
¼ tsp. chili powder, if desired
2 cans Hunt's Tomato Sauce
2 cups water
½ tsp. salt
4 carrots cut in pieces
½ lb. string beans, cut in pieces
2 tbsp. flour
⅛ tsp. pepper
1 bay leaf
8 small onions
Mashed potatoes

Wipe meat with damp cloth. Mix flour, salt, chili powder, and pepper. Roll meat in seasoned flour. Brown on both sides in fat. Drain off excess fat. Then add that rich, kettle-simmered Hunt's Tomato Sauce — and the water, bay leaf, and salt. Simmer for 1¼ hours or until meat is tender. Add vegetables and cook for 35 minutes more or until tender. Pour mixture into greased casserole. Place potatoes around outside rim. Bake in 375°F. oven 15 minutes, or until potatoes are lightly browned. Makes 4 generous servings. Hunt's is the *quality* tomato sauce for a few cents a can!

How to make low-cost meats delicious



The low-cost way to buy tomatoes for cooking

HERE'S AN AMAZING Hunt cooking secret:

When you include a can of *this* tomato sauce in a recipe — you are really adding the best part of *more than four* plump, vine-ripened tomatoes!

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That's why Hunt's Tomato Sauce transforms low-cost meats into dishes your family will rave about. And look! . . .

We're putting up so many *millions* of cans of Hunt's, to supply the terrific demand — that the price is down to *a few cents!*

Hunt's is *the* low-cost way to buy tomatoes for cooking. Use it in your stews, meat loaf, gravies, casseroles, spaghetti. And with leftovers.

So, insist on the quality brand for a few cents a can — Hunt's Tomato Sauce!

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TUNE IN TED MALONE... EVERY MORNING, MONDAY THROUGH FRIDAY... ABC NETWORK

Well planned for a



At rear of the house, gravel covers children's play space and drying yard. Path leads to compact flower garden and living terrace. Windows consist only of frame and one pane of glass. Eaves cast broad shadows

to Adele Faulkner, A.I.D., the problem of interior decoration.

The flat, 50-foot lot faces east. As a buffer against street noise, garage and entrance are close to the street, and linked by a path of concrete blocks. To avoid the forbidding appearance of a windowless front exterior, the entrance porch was made as inviting as possible.

Outside space is divided into three areas: driveway and court, brick terrace and garden outside the living area, and a fenced-in play area and laundry yard. These last two areas are private and secluded not only from the street but from each other.

Only nursery and kitchen are on the north. All other rooms face south to get full benefit of sun and breeze. The high ceiling in the living-dining area runs up from south to north, with transom windows high on both walls for ventilation. A wide cantilevered lighting trough runs the full length of the north wall, helping to conceal these windows and to provide soft, indirect lighting.

MAKING a jog in the glass wall in the dining area put the terrace door on the west, leaving an unbroken line of glass on the south. The kitchen door is a redwood slab. A sliding door isolates the bedroom wing from the living room.

Use of proper color both inside and out is important in making the



Breakfast counter separates built-in laundry from kitchen. Cabinets are white, ceiling yellow, counter top blue. Note light and ventilator recessed in ceiling, varying heights of cabinets to follow pitch of roof

narrow lot

Begins on page 40



Corner windows in owners' bedroom are draped in yellow casement cloth that accents gray of carpet and walls. Hand-printed chintz bedspread in outdoorsy colors glamorizes functional bedroom furnishings

interior and exterior of a house flow together. Because of the sunny exposure, a rich gray-brown was chosen as background color in the living area, slightly darker than the redwood ceiling and trim. As Mrs. Eisenbach likes green, it was made the basic color on furnishings—used plain as covering for two lounges, and picked up in a bold South African motif fabric on two chairs. Lounge pillows repeat the flowered pattern.

A black lacquered coffee table and touches of pink, gray, lime, and white contrast with the oatmeal-color rugs and the dark brown background. The lamp is a wallpaper roller with an antique gold drum shade. Around the fireplace green couches stand out from the wood and brick. The coffee table is an old-fashioned round table, cut down.

DRAPERIES for south wall are unlined white casement cloth in a Shantung weave—practical as well as an effective contrast between the wood inside and the green outside. And there is no problem of fading to worry about.

Tho each room has distinctive touches and color accents all its own, the gray-brown and green of the living-dining area are carried thru the bedrooms to give a sense of continuity when you look from one room to another. This flow of color furthers the 'indoor-outdoor relationship, and makes the house appear larger than it actually is.



Tho house turns its back on the street, its entrance porch is inviting. Light for porch comes from spotlight recessed in ceiling, while spotlights in bottom of hanging ivy box illuminate color in the planting box

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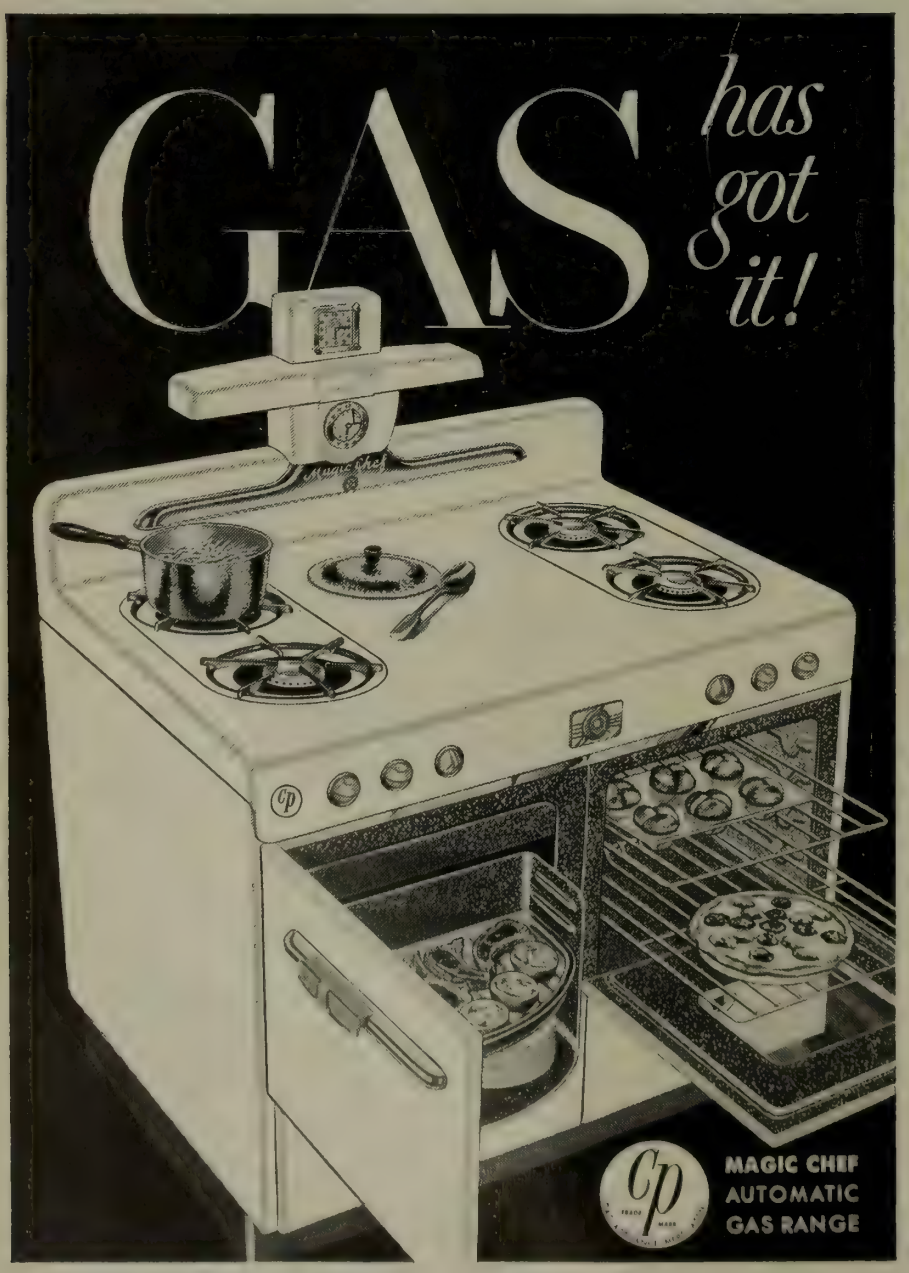
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What kind of success do we

push. Moreover, it is heartening to know that the backward boy or girl frequently responds to the extra help so beautifully that he outstrips the smart one. It is statistically true that the dull youth, who was given the extra push, becomes the adult success, the boss who hires the one-time brilliant show-offs of the classroom. Because the dull one usually isn't truly dull, but is just shy, retiring, quiet by nature. Such a person can become a rock of greatness. Usually he triumphs by sheer persistence—the greatest gift any person can have, and which parents can help him develop.

"*Nothing in the world can take the place of persistence. Talent will not—nothing is more common than unsuccessful men with talent. Genius will not—unrewarded genius is almost a proverb. Education will not—the world is full of educated derelicts. Persistence and determination alone are omnipotent.*"

Former President Calvin Coolidge said that years ago, and it is among the most profound utterances ever made by an American.

For older children some good work is being done now in vocational guidance. Schools and other agencies have so-called aptitude tests, an outgrowth in part of army experiments. But do not lean heavily on these outside-the-home helps. The best that vocational guidance can possibly do is to lay before your child some of the good and bad in the respective occupations. The best that an aptitude test can do is to catalog what the child has already achieved, then draw some generalized recommendations for his future.

"But I don't know how!" you cry. "I have had no training for parenthood."

Whoever has? It may be a thousand years before we reduce parenthood training to a science. And even then—if I judge my unpredictable daughters rightly—human nature will pop up at every hand to confound the scientists. Yet somehow or other I wouldn't have it different. I like human nature, as is. All in all, parenthood is the greatest adventure on earth. We are weaklings if we do not rise to it. The very least you can do, then, is to proceed by trial and error.

Another direct and reassuring action for you to take is recommended by every child-training expert in the field. It is—and this may surprise you—that you accompany your child to church school and worship.

THE truly successful men and women I know who seem to glow with a genuine happiness and who do the least bluffing, have some sort of religious philosophy.

Whenever we look for precedents to show our children, we invariably point out that a poverty-stricken lad like Lincoln can and did rise to the presidency. We realize that he is the very essence of the American legend, and of the good life everywhere. Sober analysis shows that he knew two things: hard work, and love.

Investigation of our adult failures today re-emphasizes the pricelessness of that Lincoln pattern; it is not old-fashioned; it is timeless, inescapable. In our courts, in our penitentiaries, men sob bitterly that they knew no love as children. It is not easy to supply a constant love for our own; life is too demanding, too harassing. Only last week in a moment of masculine meanness I bawled out my family about 8 p.m. But within the hour baby Gail in pajamas edged open the door of my study cautiously and poked a nose in. "Mother says you still love us anyway, Daddy," said she. "Do you?"

LOVE for the child, then, must be demonstrated day by day, so that awareness of it can be sustaining. Yet love is never synonymous with gushing endearments and pampering. I think it is more nearly synonymous with the demand for steady, reasonable work—especially a sharing of the home duties. "I never knew what work meant," said a man of 35 in a courtroom of our city recently. "I grew up thinking it was smart to get by without working. And now I have come to this." In his case "this" was a 10-year stretch in prison. In many another case it is simply that which we call failure: inadequacy, frustration, inability—as the English say—to cope.

The time comes in almost every adult life when we have to knuckle down for days or months or years and work like the deuce, with our hands or with our minds, or both. We can do that—and like it—if we have been conditioned for it as children, if the thought of it has

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want for our children?

Continued from page 78

been undergirded with love. Most brilliant facet on the American gem is that of a young man working hard for wife and babies when he could, like the male animals, merely take the pleasure of mating then go his own lordly way. If you and your children analyze success together, all will discover that it comes most often during home-making, where years of challenging work are done. And we make two homes in our lives: one in which we are reared, and one in which we do the rearing.

OUR youngsters see on every hand the lure of easy luxury, the featherbedding in some trade unions, the philosophy which says get all you can for as little as you can. We must counteract that with a respect for sacred time. Sacred time—I quote The Reverend Dewey Temple here—is the 8 to 12 hours a day during which you earn your right to be on earth at all. You need not do money-earning work, if you need no more money; but it had better be unselfish occupation or it will not suffice at all. "Success," we must teach our youngsters, can come only with honor; but it can be dollar-a-year service in the high-up halls of government, or it can be wrapping bandages for the Red Cross. Whenever the individual, child or adult, discovers the incomparable satisfaction of regular, honest endeavor—there lies the dawning of achievement.

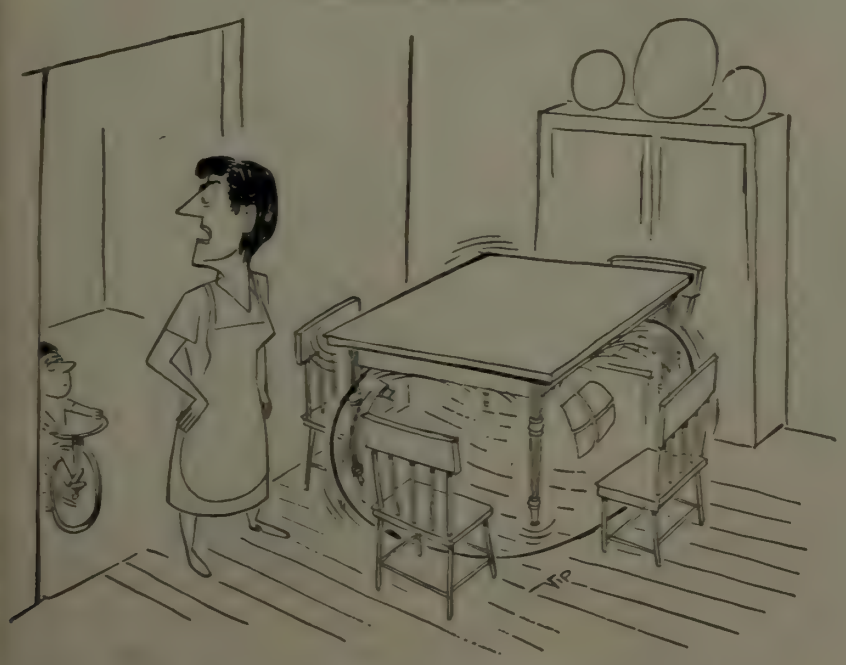
But when shall we start applying that doctrine of work? How much actual physical and/or mental labor, how much of responsibility, shall we saddle onto a 6-year-old, a 12-year-old, a college youth?

I hold that it had better begin by age 6. Truth is, the 4-year-old can help pick up the scattered toys. An hour a day, plus school, seems to me fair enough for a child of 12, and two to four hours during vacation. The rule of course must be flexible, and certainly the value of play must not be forgotten.

If you have servants, "made work" may be necessary. I know that the wealthy Wilsons in our city require their daughters to do some cooking, meal-planning, bed-making, ironing, cleaning. I remember, too, how John C. Lincoln's son Joe got a success lesson. This Mr. Lincoln—no kin to Abe, tho he might well be—is one of America's wealthiest men: he founded the great Lincoln Electric Company in Cleveland, owns vast properties there and elsewhere. But when little Joe in high school wanted $15 for a typewriter, Dad said, "Yes, a student needs a typewriter nowadays, son. But go out somewhere and earn the money for it, on your own." Joe did.

PRIDE in keeping a lawn mowed can be instilled in a boy, all our cartoonists to the contrary notwithstanding. The sheer satisfaction of creative endeavor in making rather than buying a dress can be taught a girl even tho Mom be a duchess. Daily responsibility, started early and gradually increased, is the most practical training routine. But it must be built thru comradeship, not commands.

In the end we may not guide our child to fame and riches, but he will invariably reach some high station of happiness if we but give him a parental star to steer by. We give him the star by working with rather than at him. Yes, surely, I, too, despair sometimes of raising a child by the book. Yet we must have some sort of thought-out ideals; and while we cannot always achieve them, we are failures only if we do not eternally try.



"Young man, did you stick your bubble gum under this table?"

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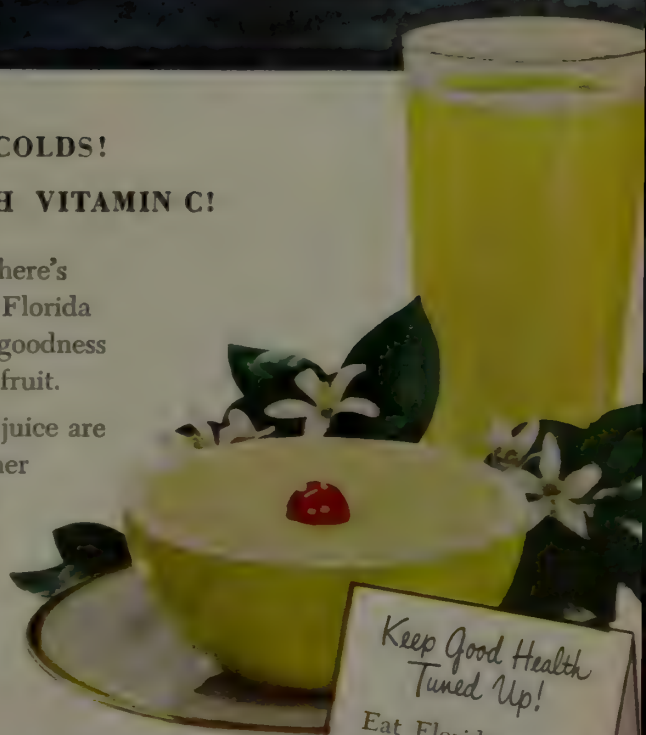


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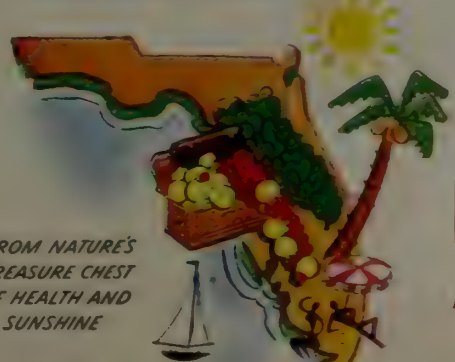
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FROM NATURE'S TREASURE CHEST OF HEALTH AND SUNSHINE

FLORIDA GRAPEFRUIT
FRESH ...OR CANNED JUICE

We furnish the most popular Five Star

By Lenore Kent Kiefer

WHEN *The Washington Post* asked the Hecht Company of Washington, D. C., to furnish a model home for the *Post's* program dedicated to progress in home construction and better furnishings, the Hecht Company chose Five Star Home No. 1602. It is the home architects Atlee B. and Robert M. Ayres of San Antonio, Texas, designed for the pocketbook as well as the everyday space needs of an American family.

Since the war, we have received more orders for plans of this home than any other. The photographs show how we decorated and furnished the most popular of Five Stars.

Photographs: Wm Howland



For the living-dining room we planned an ideal grouping of furniture around the living end of the room, providing a line of division between the living end and the dining end. For the mellow wood of the Traditional furniture, we chose deep green paint for the walls and woodwork. Red sofa, fawn carpet accent color motif

home



Since the war, more plans of Home No. 1602 have been purchased than any other



Floor plan of Five Star Home No. 1602 showing furniture arrangement we chose



Guest room or den is furnished for day-to-day living. Sturdy felt cover of studio couch can stand hard use by youngsters. Felt makes a cornice that is easily cleaned. Guest room can be used when one generation of the family wishes to entertain apart from the other



Kitchen cupboards provide ample storage space; electrical equipment—range, refrigerator, dishwasher, and garbage disposal unit—lightens homemaker's job. Kitchen has plastic wallpaper with strawberries and green leaves on white ground



Dining end of the living room gets console table that can be expanded by means of two additional leaves. Butler's table is a practical help. It's handy for extra dinner dishes or buffet style

More photographs on next page











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USS UNITED STATES STEEL

Furnishing the Five Star home

Begins on page 90

THIS home was built from Five Star Home Plan No. 1602 by Sydney Weinberg & Sons. They added air conditioning, telephone jacks—so you can use the phone in any part of the house—and a radio in every room, with a central control system. Weinberg & Sons also added a compartmented bathroom. One compartment contains a shower, tub, and washstand; the other has a toilet and lavatory.

Otherwise, this home is exactly as designed by *Better Homes & Gardens* for you, a home that is hard to beat for arrangement and practical home living.



One bedroom is furnished in maple for a young man. The corner alcove is made for a desk, an idea that illustrates the double use many bedrooms are suited for. Three walls are painted in beige. Plaid ceiling paper is carried down other wall behind the bed. The textured deep green curtains and bedspread give pleasing contrast with beige walls



Master bedroom is furnished in bone white French Provincial. To conserve space, a double bed is used; a chest is used instead of a dressing table. The color scheme inspired by a green-and-white floral rug: walls and woodwork pale green (to give a feeling of added size to the room); color notes are yellow-and-white-striped bedspread and valances and raspberry slipcover on the easy chair. Curtains are white dotted net

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How to fasten two boards together

First of two articles:

How to use nails and screws

Next month: Simple joints, and how to use glue and metal fasteners

By Ken Murray and Bob Jones

KNOW-HOW makes any job easier, even a job as simple as driving a nail or a screw. If your handy-man skill is of the trial-and-error variety, you may be surprised how much work you can save with better techniques.

The pictures here and on following pages show 27 tricks that make working with nails and screws easier, faster, and more satisfactory. Try them the next time you fasten two boards together; you'll find they make many a handy-man job easier.



Right way to drive a nail. As shown in this stroboscopic picture, your hand should be level with the hammer head at the moment of impact. Hold the hammer near the handle's end. Swing with an easy motion, using a series of sharp taps



How not to drive a nail. If your hand is lower than the head of the hammer at the moment of impact (as in the left picture), the nail will be bent backward. If your hand is higher than the hammer head (right picture), the nail will be bent forward

Photographs: Ken Murray



How to drive a screw. Screws give a more secure fastening than nails, and are easier to remove. To drive a screw, drill a hole (1) the diameter of the screw shank thru the top board. Put the board in position, and make a starter hole (2) in the bottom board, using a small drill or brad awl. Then twist in the screw (3), making sure screwdriver fits the slot



Lubricate the way. Both screws and nails will go in more easily if you first rub them across a piece of beeswax or paraffine, or dip them in powdered graphite. Soap will do, tho it may rust the nail or screw in place, making later removal difficult. Left: a neat trick is to bore a hole in hammer handle and fill it with a stick of beeswax for use on nails

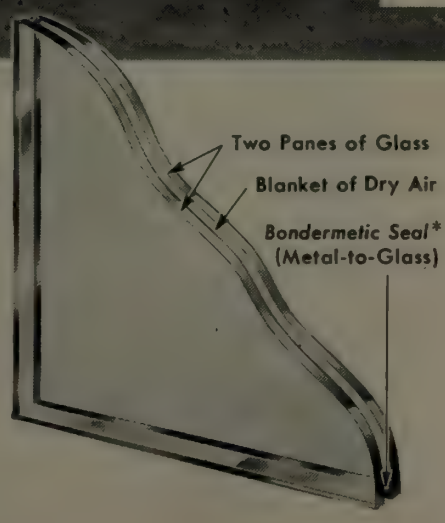
More on page 112



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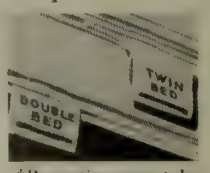
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What you should know

SHEER glass curtains, flouncy sash curtains, or tailored casement curtains play an important role in giving your home a well-furnished look. Glass curtains alone will soften sunlight in a too-bright room. Curtains plus draperies give a dressy look to your rooms. Even the sheerest glass curtains make your rooms more private or screen out an ugly view.

Here, in answer to questions we constantly receive from readers, are pointers in selecting the right curtains for your home.

How long should glass curtains be?

Glass curtains should be floor-length, or sill-length, or they should reach to the bottom of your window frames. Never let them end between frame and floor. When used with floor-length side draperies, curtains may be floor-length, too.

How wide should glass curtains be?

If tied back, sheer glass curtains should be at least twice the width of the window. If crisscrossed, each panel should be twice the width. If hung straight, curtains should be 2½ to 3 times window width. Coarse, heavy curtains need not be more than twice window width even if they're hung straight.

What type of heading should be used?

Glass curtains need a heading—shirred, pleated, or gathered—to give them a finished look.

Should glass curtains be tied back or hung straight?

Tiebacks are most often used in Colonial, Early American, Eighteenth Century English, or formal Victorian rooms. For Modern rooms, and rooms in which you want a tailored look, hang glass curtains straight and full.

At what height should curtains be tied back?

Below the center line of the window is usually the best height for tiebacks; tied above the center line the curtains will make a wide window look narrower; tied far below the center line they will widen a narrow window. If the window has small panes, place tiebacks even with one of the horizontal lines of the panes, so they won't cut it up any further.

When the ruffles on tieback draperies or curtains are very wide, cut a slit so that tiebacks can be pulled thru behind the heading of the ruffle. This leaves the ruffle free rather than bunching it together.

What kind of tiebacks should be used?

Most tiebacks are made of the same material as the curtains. Many of the new curtains have convenient, sewn-in tape that gathers the curtain as it is drawn up, leaving the ruffle uncrushed. For special effects try taffeta or grosgrain bows, artificial flower bouquets, or chintz tiebacks.

Photograph: George de Gennaro



Misty glass curtains, hung straight and full, soften the gaunt lines of the woodwork. A mirror links French doors or a pair of windows. One valance over doors and mirror gives the effect of a single window

about glass curtains

Maynard Parker



Staccato accents of bright-colored trim perk up three-tiered kitchen curtains. Shelves edged with matching ruffles blend in with the curtains. Ruffled valance ties the windows together. Lorenz A. Hansen, decorator

When are glass curtains correct without draperies?

Glass curtains without draperies can be used in any room where you want a light, airy, open feeling. Formal rooms, which have more than their share of rich fabrics and heavy furnishings, can often be helped by using sheer, full curtains at the windows in place of draperies. And many an extremely Modern room these days is being hung with sheer floor-length curtains of theatrical gauze, nylon, or netting in white, pastels, or deep colors.

How can you give glass curtains a finished look without draperies?

Painted or fabric-covered cornices or gathered ready-made fabric valances give glass-curtained windows a substantial, finished look. Make the gathered valances, or pad your valance, with curtain material, or with a contrasting plain or printed chintz, linen, or crash.

In an informal room, try hanging brackets filled with potted greens on each side of the curtained window. Or make a scalloped wood cornice to cover the top and sides of the window frame, and hang glass curtains inside it.

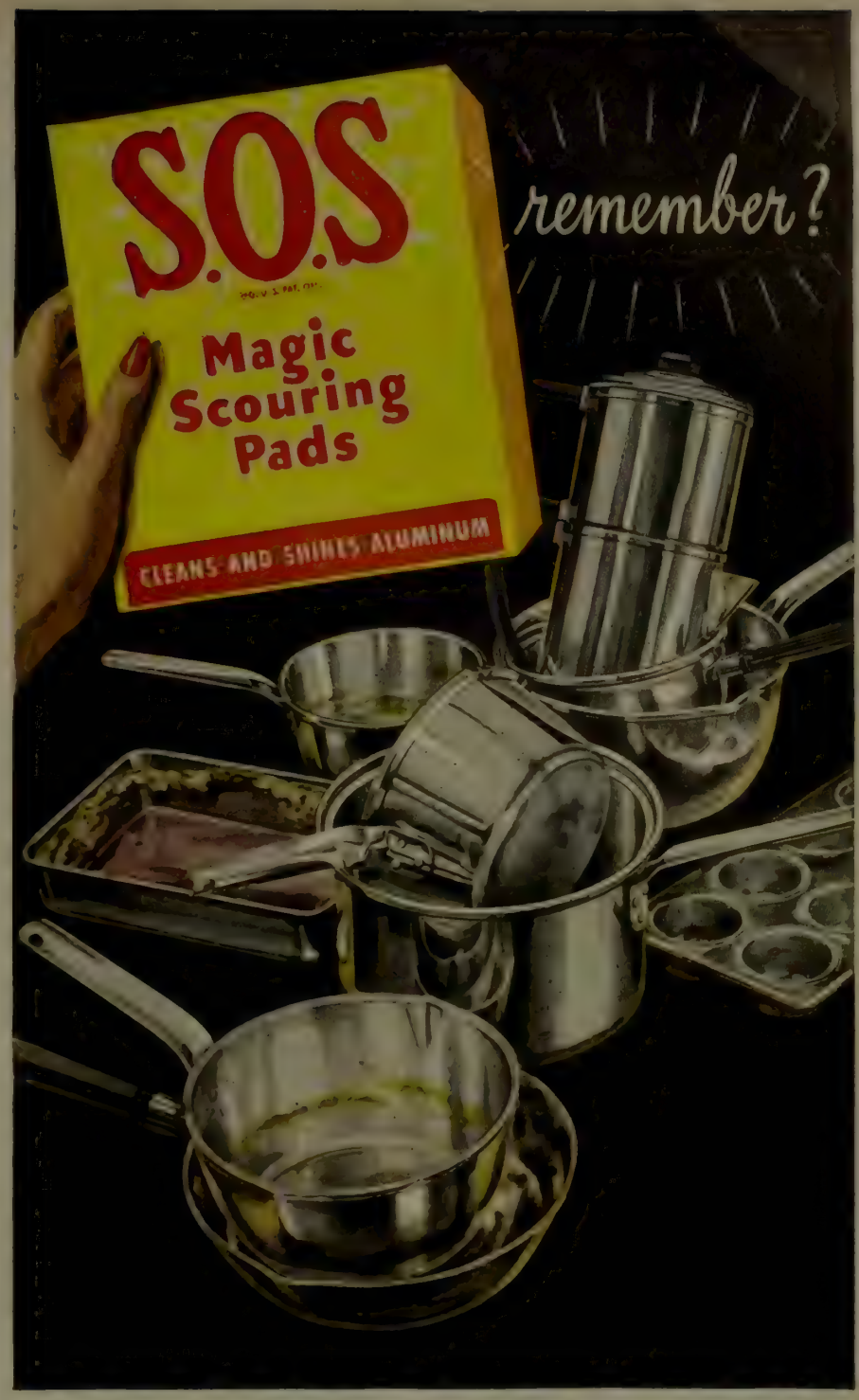
Crisscross curtains or new snap-across curtains come ready-made with finished ruffles at the top. And a swag of dark sheer material, cotton print, or chintz is always easy to use as a dress-up above plain glass curtains.

What materials are best for glass curtains?

Glass curtains are usually made of sheer fabrics in such light-reflecting tones as white, peach, yellow, or pink. Net and scrims are always good, but there are other weaves to consider, too: organdy, white and colored ninons, embroidered batiste and dimity, plain or dotted and white or colored marquisettes, sheer percales, coarse nets, theatrical gauzes. For more formal treatments, try fine organdies, silks, rayons, point d' esprit, and laces. Don't overlook nylon laces and the plain and figured spun-glass sheers which are treated to make them dustproof and moistureproof. Shop for next-to-nothing shrinkage and a permanent finish to help you in laundering.

Whatever material you choose, be sure it's in character with the room's furnishings and your drapery material. Informal chintz and linen draperies call for fluffy curtains of fine net, organdy, voile, lawn, or dotted swiss. With modern rough-textured cotton weaves, you'll want coarser nets. Damask draperies, of course, call for laces, sheer nets, silks, and nylons.

Better Homes & Gardens booklet, *Well-Dressed Windows*, sells for 25 cents; gives complete instructions for choosing and making curtains and draperies. Order from *Better Homes & Gardens*, Meredith Building, Des Moines 3, Iowa.



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What you should know

DRAPERIES give you a chance to bring color—and brightness—into your rooms. If your walls and floor covering are plain, be bold with pattern in your draperies. If you already have plenty of pattern in upholstery and wallpaper, choose a plain, textured drapery that will highlight the background color of the paper.

Used with glass curtains, draperies give windows a finished look. Used without glass curtains, draperies act as a foil for showing your picture window to advantage. With a few simple hanging tricks, draperies can often change the size and shape of windows because their heavy fabric will hide the wall or window frame under them.

Here are points to consider before you invest in draperies.

How long should draperies be?

As a rule, draperies just clear the floor. For an informal, "cottage-y" effect they should come to the sill or the bottom of the window frame. Draperies long enough to pile up on the floor are "old-hat" now; besides, they're dust catchers. Drapery headings should come to the top molding of the windows.

How wide should draperies be?

Draperies should be twice as wide as the window they'll cover; any lesser width will give a skimpy look to the job. Draperies that hang on rings or traverse rods and are pulled across the window at night should be at least 2½ times window width.

What type of heading should be used?

Unless drapery headings are hidden under a cornice or valance, a tailored heading looks most finished and professional. The heading can be pinch-, cartridge-, or box-pleated. And you'll want crinoline stiffening on the backs of every drapery head. Two new types of heading material, which come in two- to five-inch widths, not only provide stiffening but also automatically form drapery tops into pinch or cartridge pleats. One of these has slits thru which the drapery rod is run, and pleats form automatically when the material is pushed together. The second type has snaps which form the pleats.

Must draperies be lined?

Linings help fabrics hang better and protect the material from dust and fading. Printed or hand-blocked linens, quality chintzes, loosely woven cotton weaves, and the like, tho, are at their loveliest with light filtering thru them. If your room has a south or east exposure, try hanging a piece of the fabric when the sun is pouring thru before you decide to leave the drapery unlined. Some weaves look sleazy and cheap with bright light behind them.

How should draperies be lined?

Lightweight cream or white sateen is standard drapery lining. If you want to use a colored lining, hold it up to the light with the drapery fabric to make sure it won't confuse the color of the drapery. If the colors conflict, the draperies must be interlined with cotton flannel.

What materials are best for draperies?

Since draperies are an integral part of your rooms, relate them—both in material and style—to your walls, rugs, and furniture. Bring fabric swatches home and try them on your windows before you decide.

For an informal Traditional room choose chintz, cretonne,

Photograph: Hedrich-Blessing



Traverse draperies across French doors pull back far enough to let you open the doors inward. Cornice over both pairs of doors and across the wall between makes a single window unit of the doors and wall

about draperies

Maynard Parker



Rich folds of drapery topped with a cornice that's been covered in drapery material add dignity to a bay-window setting. Curtains under the draperies make the row of windows look like a single large window

percale, or toile de Jouy. For more formal Traditional rooms use rich satins, silk brocades, damask, or moire. For Modern rooms, consider chintz, mohair, taffeta, linen, satin, plastic fabrics, raw silks, and novelty cotton. For Early American rooms and cottage settings, use small, quaint patterns in chintz, calico, or voile. Whatever material you pick, be sure it's pre-shrunk, colorfast, and sunfast.

Worried about your budget and your many windows? Buy brightly colored inexpensive material rather than an expensive fabric you'll feel obliged to keep for years. And don't overlook the new paper draperies that come in many designs for different type windows.

What colors are best for draperies?

In a very small room, use draperies in almost the same tone as the walls for a more "receding" background. If you want a large or colorful print, be sure the background matches the walls so the pattern won't jump at you.

In most average-sized or large rooms where plain draperies are used, a color picked up from the rug or the main upholstery fabric will have the best decorative effect. If you have a floral upholstery fabric, make draperies of the same floral pattern, a blending stripe, or a solid color.

When should trim be used?

Matching or contrasting heavy cotton fringe or other edge trim often adds a highly decorative note to plain draperies. Trims of this sort don't belong on figured material—they just take away from the effectiveness of the print.

Should draperies be weighted?

Weights sewn into the hems will give draperies a well-made look and help them hang straight. You can buy small weights by the yard, sewn on muslin tape, or by the dozen and baste into hems and corners.

What kind of fixtures are best?

Traverse rods are most convenient and lend the most tailored look to draperies you'll want to close at night. If there's a cornice or valance to cover the fixtures, simple brass rings and rods will do.

When draperies hang stationary, drapery pins—hooked over rods—will hold them nicely, but the pins must be set far enough down on the backs of the heading so that they'll hide the rod. To avoid a homely stretch of rod between drapery panels, use a swinging arm rod for each panel, or a stationary rod just long enough for the panel.

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Bedrooms abound in storage space



The one small bedroom in original house now is a nursery for the baby, Lisa. Wall at left was marred by a useless little window, so Steges covered it with a large wardrobe and filled space under other windows with drawers for the baby's many clothes. This was Wally's first job, and he made some beginner's errors; so cost was about $75. Wall is painted green; wallpaper is used to get awning effect. Cutouts on wall are Wally's work



Bedroom the Steges added has redwood ceiling with exposed beams, concrete-block wall, wall of built-ins. Julie stores blankets in top cupboards. The built-ins also provide dressing table, and hanging space with sliding doors

More on page 102

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When your teen-age daughter invites a friend to spend the night, she's suddenly a lady—out to make a good impression on her guest! Now she shares your pride in always having smooth Pepperell Sheets on *every* bed in the house . . . And how wise you are to use them! Pepperell buys selected cotton, looms every thread for *extra* strength. Each Pepperell Sheet, from the most to the least expensive, is *luxury finished*—by a special process that removes short, fuzzy fibers! And Pepperell makes *all four* types of sheets—luxury or utility muslin, finest all-combed-yarn percale or regular percale. *Pepperell* Sheets—in white and "personality colors"—at your favorite store!

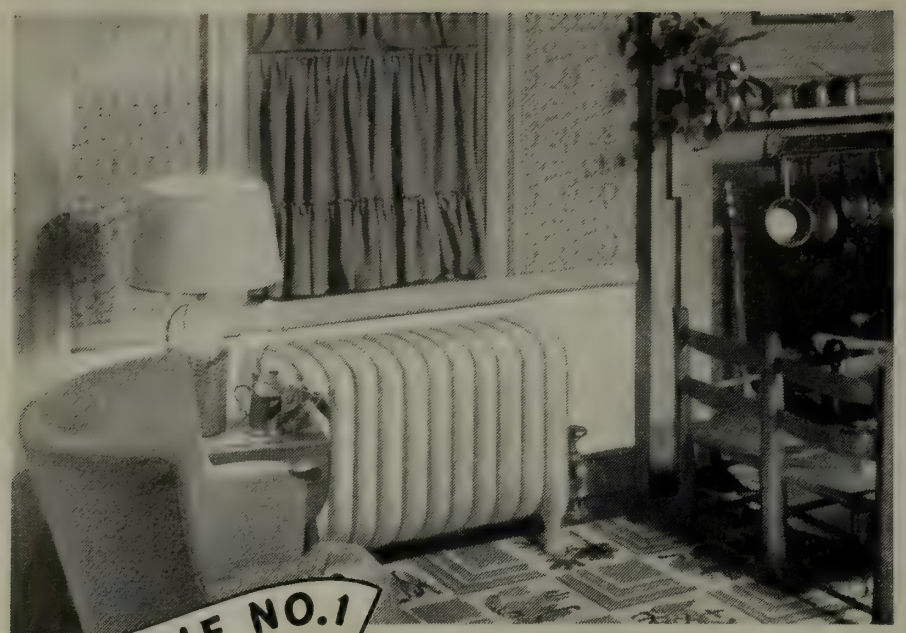
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Kitchen, now colorful,



BEFORE Original kitchen had, among other faults, insufficient storage space, poor light, and no work space around either the range or refrigerator. Flooring was in fair condition, but didn't fit the Steges' ideas of decorating. Steges found planning the new kitchen took almost as much time as building it

AFTER



Solid maple chopping block now is sandwiched between range and refrigerator where it's useful for preparing meats or cutting salad greens. Topmost cupboards hold least used utensils; pothooks hold favorite utensils chophouse style. Woodwork has two coats of shellac, one of light varnish

has much work room



After—Kitchen has stainless steel hood over range, broom closet (right of stove) with top cupboard and bottom drawer. Wally put up steel panels himself, had hood installed. Ceiling beams cover seams in wallboard. To utility-room door Wally added catch that opens when you push on it



After—Wally built a spice rack on the back of cupboard door, above chopping block. He also arranged pull-out racks for hanging utensils in several of the cupboards, but Julie is making him take them out in favor of old-fashioned stacking

More on next page

The **BUY-WORD** *for Better Plastics*



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Utility room once was open porch



Redwood-finished utility room used to be open back porch. Cupboard holds canned goods; closet at right stores gardening and work clothes



Installing laundry tub at left was Wally's first major plumbing job. For several weeks Julie had to wash dishes here while the kitchen was being remodeled. The false cupboard at right conceals the water heater

ntinued from page 103

Storage space fits specific needs



The house had no linen closet, so the Steges built one in bathroom for $18. Pull-out shelf is used for sorting linens, bin below swallows up soiled clothes. Inside of cupboard is dark green to match wallpaper



After dining space was cut out of this clothes closet, remaining space was made into narrow cupboard and drawers. Another cupboard with its own door was built on the back of the closet door for Julie's fur coat

More on next page

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IT'S LIKE A COMPLETE FOOD STORE RIGHT IN OUR OWN HOME It's Wonderful!

WE SERVE FRESH-FROZEN FRUITS AND VEGETABLES EVEN WHEN SNOW FLIES They Make Meal Planning So Easy!

Meal planning for your family or for guests is no problem when you own a PAK-A-WAY home freezer. Meats, vegetables, fruits, berries —yes, even dessert delicacies are there in your PAK-A-WAY easily and quickly prepared.

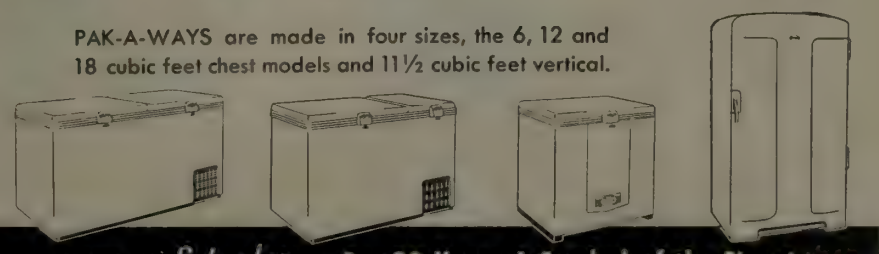
• Your frozen foods are more tasty, more appetizing and more nutritious because all their fresh goodness is frozen in and retained. and a PAK-A-WAY home freezer will save many dollars every month on your food budget!



MY PAK-A-WAY CUTS HOMEMAKING CHORES...GIVES ME FREEDOM I LOVE It's a Honey!

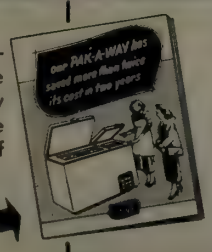
PAK-A-WAY
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HOME FREEZER

PAK-A-WAYS are made in four sizes, the 6, 12 and 18 cubic feet chest models and 11½ cubic feet vertical.



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The Kent *18th Century Group*

Kent-Coffey, specialists in building beautiful furniture for the bedroom; smart modern, as well as authentic 18th Century, are creators of the Kent open stock group. In addition to this shaped front "Mr. and Mrs. Dresser" you will find a wide choice of authentically styled pieces to carry out your own individual decorative ideas. For a distinctive 18th Century bedroom, choose the Kent by Kent-Coffey . . . at many leading stores coast-to-coast.



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KENT-COFFEY MANUFACTURING CO., Lenoir, North Carolina

For kitchen heat and smoke and smell..

Be smart!
Install an AEROPEL



Aeropel Kitchen Fan—winner of two Fine Arts Awards for beauty and utility.



Beautiful new American Blower Aeropel Kitchen Fan keeps your kitchen fresh as a daisy . . . saves its cost many times over in lower decorating bills alone. Sold by leading electrical and home supply dealers. Priced at only $43.75 plus small installation cost. Write today for free booklet.

AMERICAN BLOWER CORPORATION, DETROIT 32, MICHIGAN
CANADIAN SIROCCO COMPANY, LTD., WINDSOR, ONTARIO
Division of American Radiator & Standard Sanitary corporation

Serving home and industry— AMERICAN-STANDARD • AMERICAN BLOWER • CHURCH SEATS • DETROIT LUBRICATOR • KEWANEE BOILER • ROSS HEATER • TONAWANDA IRON

Rear of house will get a terrace



Dutch back door came from a friend's home and fits perfectly. A mason charged a staggering $1,000 for his work on the concrete-block bedroom addition at the rear (right above); that strengthened the Steges' determination to do the rest of the work on the house themselves. This spring, when they've recovered sufficiently, the Steges plan to add a dining terrace and landscape

JULIE and Wally Stege lightheartedly moved into their new home and began Operation Homesteading a week before Christmas, 1945, and came to a stop just 33 months later. Only Baby Lisa, the addition to the family, came thru with uncalloused hands. The senior members of the family added to strong backs an unquenchable enthusiasm for new adventures.

Their work on the house has taught them that they can do almost anything if they set their minds and hands to it. Julie and Wally feel they could, and would, tackle any job and somehow struggle thru it to success. The house has given them assurance in themselves.

Our own conclusion is that it takes more than high costs, strikes, and shortages to stand between people like the Steges and a home. They pick up the nearest hammer and nail and build their own.



Mrs. Stege at her front door today, watering plants in entrance patio as dog looks on. Patio wall is continuation of the new living-room wall; new front cost $450. Scallop trim and frame around front door tie new construction to old

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BEAUTIFUL HOME
EXTERIORS
At Low Cost



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BOOKLET
TELLS
YOU
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If you're planning to build, buy or remodel a home, write for a free copy of the new booklet—"How To Get Attractive Home Exteriors At Low Cost". It gives you sound, practical reasons why steel-reinforced stucco offers you a unique combination of beauty, durability and economy. Shows you, with beautiful architectural drawings, the popular home designs that architects themselves think are most appropriate for stucco, such as Ranch-Type, Cape Cod, Colonial, etc.

Find out why Keymesh steel reinforcing helps stucco meet today's need for a strong, durable siding material that's beautiful, low in first cost and easy to maintain.

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ADJUSTABLE HEIGHT
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The original, all-metal Ironing Table . . . G.P.&F. MET-L-TOP, gives you many extra advantages you'll enjoy for years. Look for the identifying label when you buy. Be sure you get a genuine G. P. & F. MET-L-TOP.

The new G. P. & F. MET-L-TOP is ADJUSTABLE to YOUR height . . . assures you the most comfortable ironing position to avoid back strain, arm strain . . . ironing fatigue. *Short, or Tall,* RIGHT HEIGHT FOR ALL.

The smooth-as-glass, white-enameled, ventilated top never sags or buckles, stays smooth and level, because hollow channel-steel reinforcements run underneath full length of the steel top.

Ask your dealer to show you the many advantages of the G. P. & F. MET-L-TOP Ironing Table . . . adjustable height or standard models.

For best results, use Met-L-Top pad and cover set, tailored to fit.

G.P.&F.
GEUDER, PAESCHKE & FREY CO.
Milwaukee 1, Wisconsin

The most house for your money

[*Begins on page 44*]



Venetian blind hides the gas-fired heater which fits into a closet off the hall back of the kitchen. Blind was used instead of a door to save space and allow the free circulation of air required around any heating plant

architectural features. Here are some of them:

Foundation is a five-inch concrete slab of the floating type (resting on the ground, not supported on the foundation walls), reinforced with a mat of three-eighths-inch steel bars. The slab is surrounded by concrete beams poured to become part of the slab.

Walls: Exterior end walls are concrete block, making a solid, load-bearing wall which strengthens the roof. Front and rear walls are brick veneer to window sills, board and batten above. Combining the two types of wall construction makes it possible to put up exterior walls, interior walls, and roof simultaneously to save time.

Roof: Almost flat. It has a deep overhang, supported by extensions of the concrete block walls, that lets in sunlight without glare, aids in winter heating, and affords protection from sudden rainstorms. The 2x8 ceiling joists also act as roof rafters, eliminating considerable material. They are covered with tongue-and-groove sheathing and a four-ply tar and gravel roof. Above that ceiling is four inches of insulation.

Heating: Location of the heating plant—in a closet off the hall in the center of the house—makes it possible for one large duct to supply the entire house.

Ventilation: Exhaust fan is installed in one corner of the house near the front door so it can pull the prevailing summer breeze thru the house. It has automatic louvers that close when the fan is off, keeping out insects and cold.

Wiring: Six electric circuits, instead of the usual two or three, using No. 10 wire in the kitchen and No. 12 elsewhere, allow sufficient electrical capacity to carry the load of any added appliances.

Plumbing: All piping is concentrated in one inner wall between the kitchen and bath. Main lines and soil pipe were laid one foot deeper than the frost line to avoid any possibility of having to dig into the concrete slab in case of frozen pipes.

These features answer your need for a good house at a reasonable price. The first two "musts," low maintenance cost and ease of maintenance, tie in together.

Exterior materials: The rose-hued bricks that form the lower part of the front and rear walls and the dark red pavers around the entrance door require no maintenance except an occasional mortar repair job every few years. Concrete blocks are painted a gray-green that blends well with the yellow-green of the siding. All windows are steel casements.

Interior materials: The kitchen floor is asphalt tile, bathroom floor ceramic tile, and the garage floor concrete. All other floors are designed to take carpeting tacked to one-inch plywood strips attached to concrete floors under base moldings. Doors are solid slab doors with a fir veneer. The garage door was left off entirely, but one can easily be installed if necessary.

Designing the interior to harmonize with either Traditional or Modern furnishings was accomplished by use of simple backgrounds and subdued colors. The interior architecture is Traditional held to the principles of Modern. Use of rounded baseboards and half-round moldings, for instance, reduced the Modern background to such simplicity that Traditional furniture complements it.

The basic interior colors—gray, green in varying shades, yellow, and ruby-red—give a unified spacious feeling. Since the ventilating fan cools the house, windows are not important for ventilation and can be concentrated in one wall, leaving others free for furniture.

All lighting fixtures are of the simple box type, set flush in the ceiling with plain, frosted glass panels and the molding painted to match the ceiling.

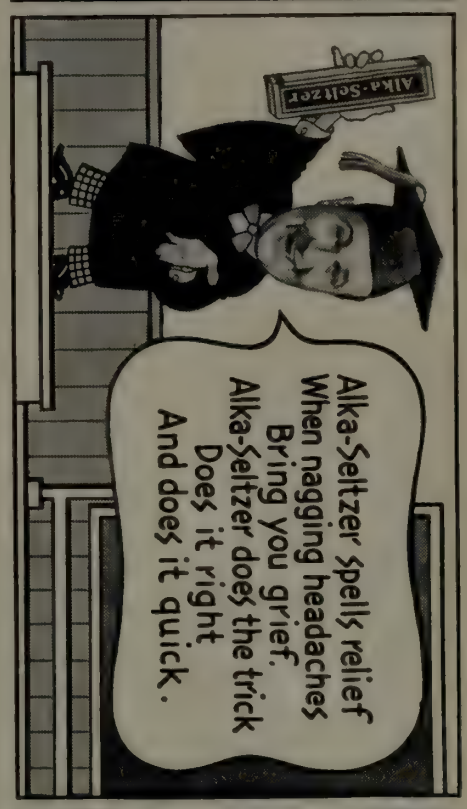
Style of architecture isn't what makes this a lot of house for the money. It's livability. Maintenance cost is practically nothing. Heating costs, thanks to the central location of the heater and a minimum of ductwork, are rock-bottom. Bands of windows let in plenty of light and air, yet leave three walls in every room free for furniture. Leaving side walls windowless affords complete privacy from neighbors; the ventilating fan takes care of cross ventilation.

All these points contribute to livability, but cleanness of lines of the exterior and thoughtfulness of planning are the basic ingredients that make this an excellent house.

Suiting the house to your way of life—"must" No. 4—is largely a matter of planning and organiza-

[*Turn to page 115*

Joe Kelly of the Quiz Kids
N.B.C. SUNDAY AFTERNOON

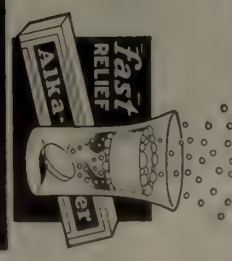


There's Nothing Quite Like Alka-Seltzer for HEADACHES

Next time you have a headache, take Alka-Seltzer for really fast relief! Remember, there is nothing quite like Alka-Seltzer. Here's why: (1) Alka-Seltzer contains one of the world's most effective pain-relieving agents. (2) This pain-relieving agent is protected by valuable alkaline buffers—for increased effectiveness. (3) Alka-Seltzer's fizzing effervescence speeds its pain-relieving action and so helps bring really *fast*, pleasant relief.

No wonder so many thousands are turning to Alka-Seltzer for relief of headache pains! Why don't you?

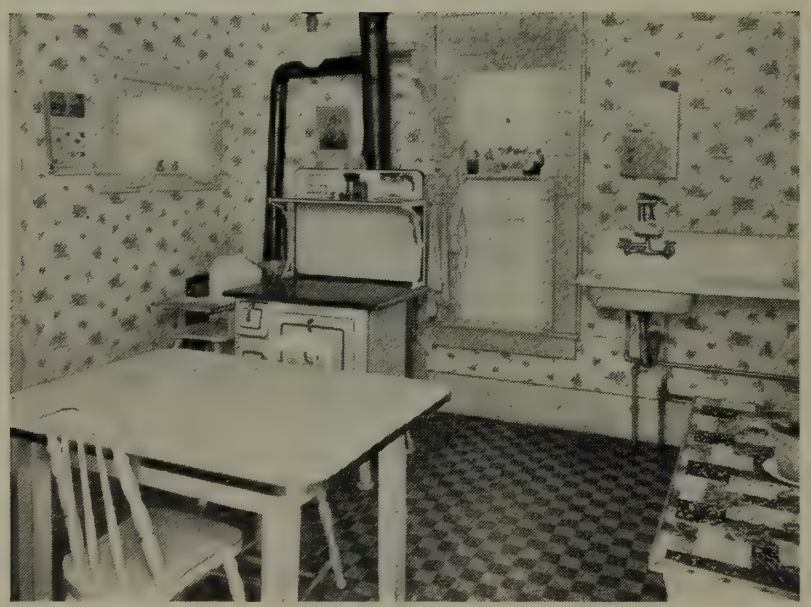
Sold at all drugstores, U. S. and Canada.



ACID INDIGESTION
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New plan, new equipment

They changed this kitchen to a model of efficiency and beauty. This is what can happen to a kitchen if you write the winning last line to a contest jingle



BEFORE . . .

THE Raymond Terhaars, of Mount Angel, Oregon, entered a nationwide contest—one of those in which you write the last line to a verse. The grand prize awarded by Swift and Company was a $5,000 kitchen to be installed by General Electric Company. The kitchen's plan was to be drawn by experts and executed with no fuss, muss, or bother on the part of the winner.

Mrs. Terhaar was notified two months later that she was the winner. Her turn-of-the-century kitchen would be advanced 50 years in design and equipment.

Kitchen designers, plumbers, carpenters, and electricians swarmed over the Terhaars' old kitchen. And when they left, the family had a kitchen completely new in every detail. New appliances, new cabinets, new lighting add up to one of the most fabulous kitchens in the region—see below.

More on page 116

$5,000 LATER

Here is the prize kitchen. Its timesavers cut Mrs. Terhaar's work

Photographs: Ray Atkeson



New appliances include electric range, refrigerator, dishwasher, garbage disposer, mixer, toaster, coffee maker, and ventilator.

Food goes in smooth production line from refrigerator (extreme right) to sink (center) to range (left) and then to table (lower left)



How do you measure a bargain in towels?

BY price alone? Certainly not. If you're a good housekeeper and careful shopper, you know that a bargain in towels (or anything else, for that matter) depends just as much on satisfactory service and pride of ownership as on a low price tag.



Of course, you *do* look for savings. That's why you like to shop during January White Sales. But even in White Sales you look for *quality* first. You want towels you know will wear well, stay pretty . . . towels you'll be proud of for years. Chances are you look for Martex quality towels because you know you can always depend on the name Martex as your guarantee of the utmost in value—whatever grade towel you buy.



Yes, any towel with the famous Martex label has extra wear and extra service woven right into its thick, thirsty terry. And the colors stay lovely after years of wear and washing. So this January, when you shop during the White Sales be sure to ask for *Martex!* That's the surest way of getting a real "bargain" in towels.

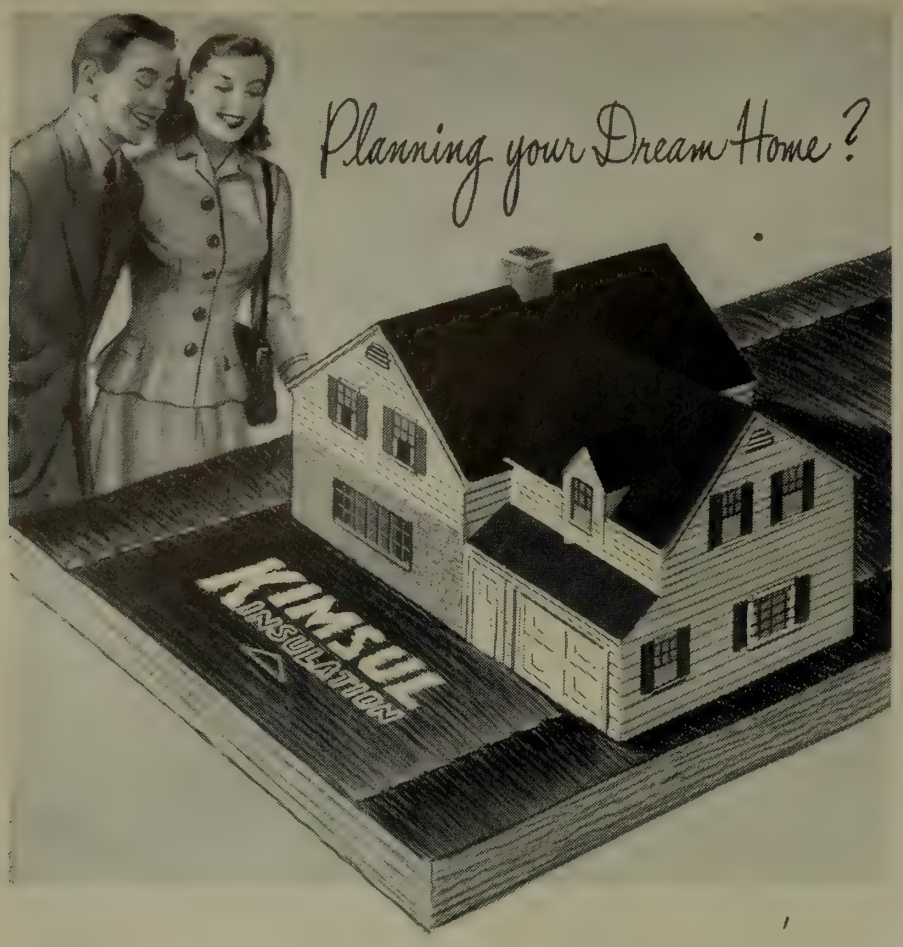
Martex
REG U.S. PAT. OFF.

THEY DO WEAR LONGER

P.S. You'll find one or more of the famous Martex designs pictured below at extremely attractive savings in your favorite store's White Sale.



Martex Towels — A *product of* WEST POINT MANUFACTURING CO. • WELLINGTON SEARS CO. • *Selling Agents* • 65 Worth St., New York 13



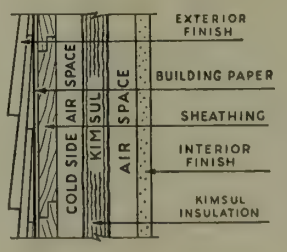
You get only one chance to save ⅔ on insulation!

Make sure your new home is insulated throughout at the time it's built. You'll save ⅔! For it costs *3 times* as much to insulate walls once a new home is finished.

Be sure, too, that you choose many-layer KIMSUL* insulation. You'll enjoy more comfort than you ever imagined! For KIMSUL provides lasting protection against the extremes of winter's cold and summer's heat. What's more, it pays for itself out of fuel savings. Installed in walls and ceiling of your new home, KIMSUL may save up to 44% on fuel. Installed in the attic of your present home, it may cut your fuel bill as much as ⅓.

KIMSUL is uniformly efficient – no heat-leaking thin spots, no money-wasting thick spots. Resists moisture, vermin, fungus. And it's fire-resistant through and through . . . including the exclusive PYROGARD* cover.

A better way to insulate side walls.
Builders will tell you – the correct way to insulate a wall is with air space on *both* sides of the insulation. That's why they recommend insulation of the blanket type. See how KIMSUL, the only many-layer stitched blanket insulation, permits scientific wall construction. KIMSUL is permanent; keeps its insulating properties for the life of your home.



*T. M. REG. U. S. PAT. OFF.

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A PRODUCT OF Kimberly Clark RESEARCH

FREE INSULATION BOOKLET

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KIMSUL Division, Neenah, Wisconsin

Please send me one of your two *free* KIMSUL booklets:

☐ on insulating the home I'm planning.
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BHG-149

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City _____ *Zone* _____ *State* _____

New plan, new equipment *Begins on page 108*

It stores things where

THE kitchen now is the gathering spot for the Terhaar family—including all six children. There's less work done and more fun in the pleasant, livable kitchen—now the most popular room in the house.

Metal cabinets lining walls provide storage for kitchen and food supplies. Storage space is planned to keep tools for each job near the job. Cabinets around range, for example, hold cooking utensils, seasonings, and serving plates.

Cleanliness is easy to maintain because of the smooth walls, ceiling, and work surfaces. Large window and excellent light save eyestrain. A ventilator over the sink draws away steam and cooking odors to keep air fresh and clear.



Here's where things are in Mrs. Terhaar's new kitchen—match the numbers to the pictures:

1. Electrical appliances and table condiments
2. Platter and plates (near range)
3. Seasonings needed at range
4. Baby food, coffee, tea, and canned goods
5. Everyday dishes (near dishwasher)
6. Range-side tools, paper napkins, and silver
7. Metal bread and cake bin (near table)
8. Pan-cover file (near range)
9. Skillets, roasting pans, and pressure saucepan
10. Paring knives, cutting board (near sink)
11. Dish towels
12. Catchall drawer
13. Dry-vegetable supply
14. Ventilator fan
15. Soffit light (over sink).

In photograph at right:

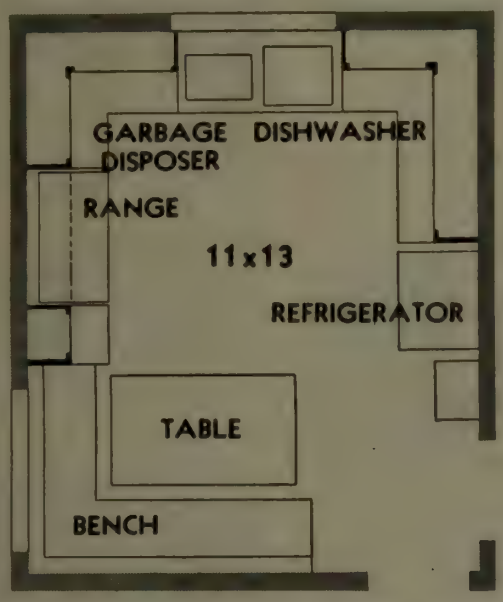
16. Tumblers and cup racks (near sink)
17. Dishes
18. Flour, sugar, spices, and extracts (mixing and baking area)
19. Storage, canned food, and staples
20. Cleaning supplies, soaps, and starch
21. Broom, vacuum cleaner, and dust mop
22. Electric mixer
23. Casseroles, baking equipment, large kettles, molds, and cooky sheets
24. Sink-side vegetable pans
25. Radio.



they are used

The plan, drawn by kitchen designers, provides for the most efficient use of time and energy. All of the Terhaars' kitchen tasks are easier. Meals that used to be prepared in hours are ready now in minutes.

Work after meals is speedy. Food waste is cleared into the garbage disposer and removed. Dishes and silverware are put in the dishwasher. The unit is turned on and the Terhaars forget about dishes until the lid jumps open automatically. Everyday dishes stay clean and dry in the washer rack until the next meal. A new automatic washer and dryer speed up Mrs. Terhaar's washday chores. They're in a room adjoining the kitchen.



Kitchen's U plan shows conveniently placed working centers that save Mrs. Terhaar steps



More on next page



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Capture the charm of 18th Century France with Touraine, by Drexel. . . . Find new glamor for your bedroom — new color possibilities in the rich honey hue of Brittany fruitwood finish, and new delight for your eye in this lovely design, with smoothly flowing, richly carved detail.

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See Touraine, by Drexel, in the fascinating new Brittany fruitwood finish, at fine department and furniture stores. Look for the "by Drexel" brandmark — your proof of superior craftsmanship.

Write today for booklets: "Traditional" — 26 pages — 10c in coin only; "Precedent" — 27 pages in full color of Drexel's new modern furniture—25c in coin only. Address: 372 Huffman Road, Drexel, N. C.



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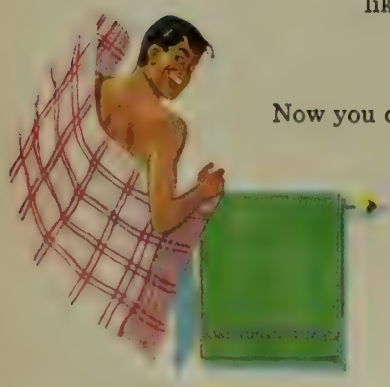
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Bathing Beauties on a Budget



At these low prices even Teena can have all the towels she needs . . . and she needs plenty. Moor Towels are thick, thirsty bathroom beauties that lap up water like a camel, feel soft and super-luxurious.

Your Knight of the Bath likes 'em big, likes 'em tough, likes 'em masculine . . . *and* likes plenty of them. *Especially* at low Moor prices.



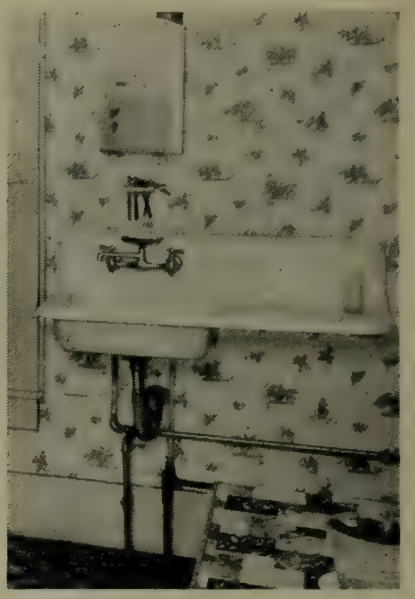
Now you can have scads of beautiful towels. Stock up and stack up a rainbow of towels in all your favorite decorator colors . . . and depend on *these* colors to *last*. You'll find "family-priced" Moor Towels at good stores everywhere.



"Buy moor have more Towels"

MOORESVILLE MILLS, MOORESVILLE, N. C.

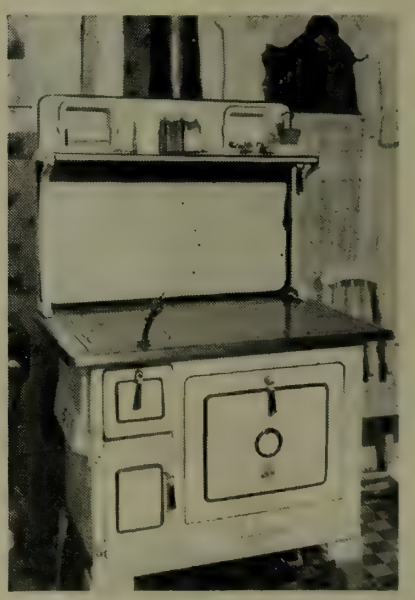
New equipment makes every job easier



Before: Exposed sink plumbing, no storage at the sink. And this was Mrs. Terhaar's "view" in the old kitchen. Sink working area was small



After: New cabinet sink unit conceals plumbing and is bordered by ample storage space. Counters alongside provide uncrowded working area



Before: Mrs. Terhaar cooked daily meals for eight and did the weekly baking on this outmoded range. The oven had no automatic control



After: New electric range is clean, fast, and accurate. Automatic oven control helps Mrs. Terhaar obtain perfect pie, cake, cookies every time



Before: The single electric dangler worked overtime. It provided the only light at night. Electric appliances were plugged into the same fixture



After: Lights under cabinets and fluorescent ceiling fixture give abundant light. Appliances are plugged into electric outlets under cabinets

Don't take chances with acid indigestion

Take TUMS wherever you go!

Whenever you travel—by car, by plane, by bus, by train—buy Tums first! Tums relieve acid indigestion and heartburn almost instantly. You feel better fast! With Tums, nothing to mix or stir. And Tums contain no baking soda (bicarbonate). So, no danger of overalkalizing—no acid rebound. Travel in comfort. Travel with *Tums!* Night and day, at home or away, always carry TUMS. Quick relief for acid indigestion.



To feel better, try one or two TUMS after breakfast.

TUMS for the tummy

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Don't pay several hundred dollars more than necessary when you build a home! Buy it direct from our mill at our low factory price. We ship you the materials—lumber cut-to-fit, ready to erect. Paint, glass, hardware, nails, etc., all included in the price—no extra charges. Plans furnished—also complete building instructions. No wonder our customers write us that we saved them 30% to 40%. Prices subject to change without notice.



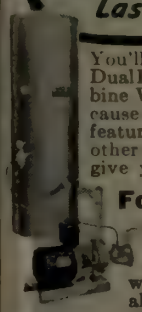
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[*Continued from preceding page*]

Planned shelves replace single cabinet



Before: Dishes and linens were jammed into one storage area. Doors divided working centers. This made needless steps for Mrs. Terhaar



After: Open the door of the new cabinets and a light comes on—automatically. Narrow wire cup rack built especially to fit under the dust-free wire shelf, utilizes waste space. Cups can be reached easily



After: Stair-step shelves for spices are a special feature of this wall cabinet. Mrs. Terhaar finds it handy for storing baby food as well as condiments. It's easy to read labels of cans stored in back rows

More on next page

HARDWICK CHALLENGER

AUTOMATIC GAS RANGE

FOR THOSE WHO PREFER Upper Level Cooking



RITE-HITE balanced heat oven, 25% oversize. Within easy reach, no bending, no lifting, no peeking. Holds four pies or cakes, or 30 lb. roaster. Browns, bakes evenly anywhere in oven. Automatic oven heat control.

ROLL-A-DOOR Rite-Hite Broiler. You can stand in a natural position while the new style patented high broiler swings out at a touch. Featherweight, smokeless aluminum broiler grid.

HINGED COOKING TOP lifts up for cleaning. Stainless steel burner grates fit firmly into cooking top, are designed to hold any size or style vessel; will not break, rust or corrode.

SIMMER-SET BURNER VALVES click to simmer. A touch gives exact heat you want. Lifetime Efflex burners.

MIRRO-MAGIC OVEN DOOR. Light on, it's a window . . . light off, it's a mirror, hides inside of oven.

AUTOMATIC CLOCK (optional) lets you cook while you're miles away.

FLOODLIGHTED COOKING TOP. Plenty of light for all top cooking.

305% MORE STORAGE space. Large cabinet and two roomy drawers for storing kitchen equipment.

OVERSIZE concealed drip pan really holds the boilovers.

OPERATES on natural, manufactured or bottled gas.

Sold throughout the U. S. See your gas company or write Dept. B-2 for name of your nearest dealer.

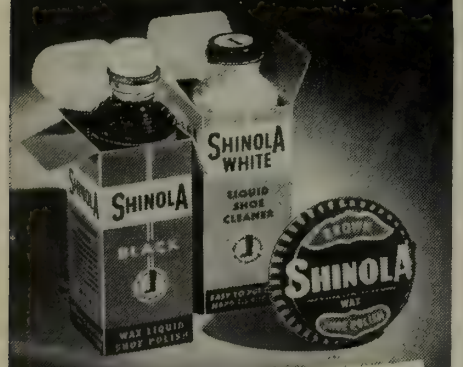
HARDWICK STOVE COMPANY
Dept. B-2, CLEVELAND, TENNESSEE
MAKERS OF FINE STOVES SINCE 1879

Your Shoes are Showing!



Embarrassing, isn't it?

YOU NEED SHINOLA



1 Neat-looking shoes are an important part of good grooming.

2 Shinola's scientific combination of oily waxes helps keep shoes flexible—and new-looking longer.

3 Shinola is easy to apply and economical to buy. You'll find it pays to KEEP 'EM SHINING WITH SHINOLA. In Canada it's 2-in-1.

REPLACE ROTTED WOOD
WITH PLASTIC WOOD

EASY! No skill required. Handles like putty... and hardens into wood.





Saves Costly Redecorating

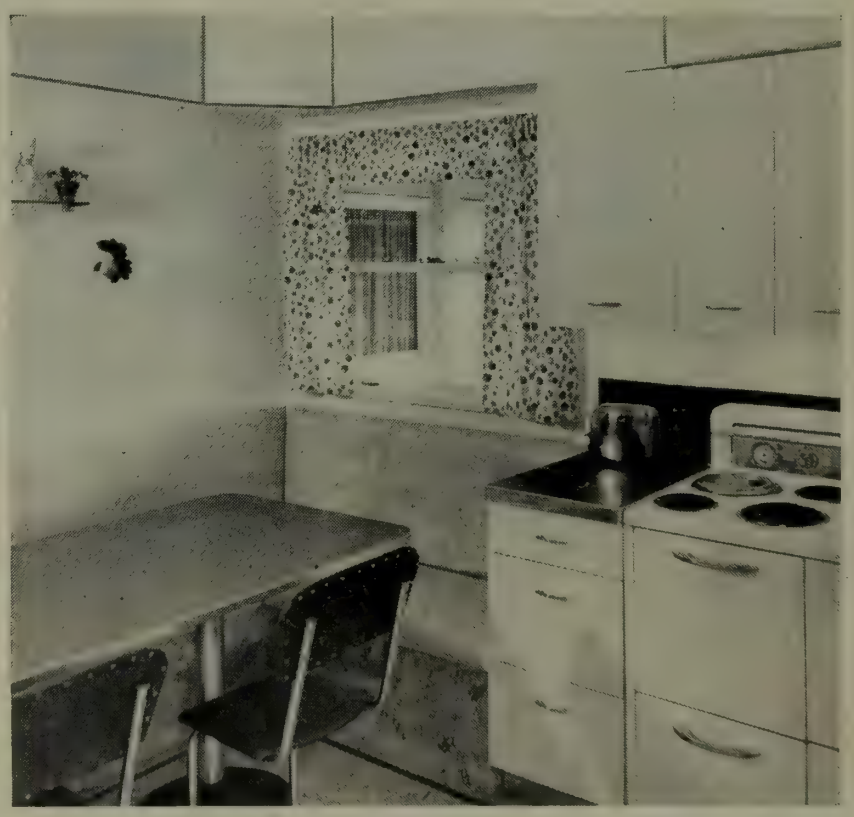
AMAZING INVENTION Banishes old-style housecleaning mess and muss. No rags—no sticky "dough"—no red, swollen hands. No more dangerous stepladders. Literally erases dirt like magic from Wallpaper, Painted Walls, Ceilings, Window Shades. *Take orders from friends! Earn money!* Act now!

SAMPLES FOR TRIAL Sample offer sent immediately to all who send name at once. A penny postal will do. SEND NO MONEY—*just your name.* KRISTEK CO., 1351 Bar Street, AKRON, OHIO

One corner is reserved for meals



Before: Old kitchen table in center of the room was in constant use. Its top was Mrs. Terhaar's principal work area in preparing meals. And three times every day all eight of the Terhaars crowded around it



After: New table is handy to the range for quick oven-to-table service. When extra working space is necessary, the table is a welcome addition to the continuous counter space. And no more crowding around the table at mealtime. The new table in the corner and the built-in seats take care of the whole Terhaar family comfortably (below)



Learn how to Set a Beautiful Table



Thousands of women are sending for this booklet! With magnificent color photographs and interesting text, it tells how to set your table for *any* meal with Dirilyte, the beautiful flatware that's the color of gold all through! Dirilyte provides color effects never before possible. It's marvelous for parties, fun for every day. Solid, not plated, it gives more for your money in beauty and durability than any other flatware. Send 15c for booklet, today! *Dept. F-1, Dirilyte Co. of America, Kokomo, Ind.*

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Golden-hued DIRILYTE

FOR EXTRA RICH BROWN DELICIOUS GRAVY



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Kitchen Bouquet offers the easy, never-fail way to get *extra* rich, brown, delicious gravy! Adds no artificial flavor—simply steps up true meat taste. Helpful recipes with every bottle.



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May-bud GOUDA NATURAL CHEESE

A Purity Product

At your FOOD STORE

Burpee Fancy Leaf CALADIUM



Strikingly veined and variegated, in gorgeous reds, greens and white; a glorious array!

3 BULBS 25¢

Unique as house plant splendid in garden shade. Start early; order NOW.

Postpaid: 3 Bulbs 25c; 12 Bulbs $

SEED CATALOG FREE

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The most house for your money

[*Continued from page 107*]

ion of storage space. In this house light closets and numerous built-ins lighten labor. Closets in the bedrooms are the wardrobe type, and have extra space above the doors for out-of-season clothes. A large closet off the screened porch holds card tables, folding chairs, luggage, and out-of-season sports equipment. Lawn tools and garden supplies are kept at the inside end of the garage.

The kitchen bar, flanked by closets, has drawers for towels and table linen on one side, a cabinet for extra pots and pans on the other. The counter top is long enough to spread out 12 dinner plates for party serving, a great timesaver. Near the dining room is a closet for best china. Another, near the back door, holds cleaning equipment.

THE stores listed below operate permanent Home Planning Centers, featuring the *Better Homes & Gardens* Five Star Plan Service. At each store you can obtain advice and assistance, without cost, in planning, building, furnishing and equipping your new home, or remodeling your present home. You are cordially invited to take advantage of this complete Home Planning Service. Visit the Home Planning Center near you today.

Akron—The M. O'Neil Company
Albany—W. M. Whitney & Co.
Baltimore—Hecht Bros.
Binghamton—McLean's Dept. Store
Bloomington—Livingston's
Boston—Jordan Marsh Company
Brooklyn—Abraham & Straus
Buffalo—The Wm. Hengerer Co.
Cedar Rapids—Smulekoff's
Chattanooga—Miller Bros.
Chicago—First Federal Savings & Loan Assn.
Cleveland—The Higbee Company
Dayton—The Rike-Kumler Co.
Denver—The Denver Dry Goods Co.
Des Moines—Younkers
Detroit—The J. L. Hudson Co.
Enid, Oklahoma—Long-Bell Lumber Co.
Ft. Wayne—Wolf & Dessauer Co.
Hartford—G. Fox & Co.
Indianapolis—L. S. Ayres & Co.
Joplin—Newman's
Lansing—J. W. Knapp Co.
Lincoln—Gold & Co.
Los Angeles—Barker Bros.
Louisville—The Stewart Dry Goods Company
Milwaukee—Gimbels
Minneapolis—L. S. Donaldson Co.
Muncie—Ball Stores
New York—The Franklin Society for Home-Building and Savings
Oakland—Breuner's
Oklahoma City—Harbour-Longmire
Omaha—Orchard & Wilhelm
Peoria—Block & Kuhl
Philadelphia—Gimbel Brothers
Phoenix—Dorris-Heyman
Pittsburgh—Joseph Horne Co.
Richmond—Miller & Rhoads
Rochester, New York—McCurdy's
Sacramento—Breuner's
San Diego—V. J. Lloyd, Inc.
San Francisco—Macy's
St. Louis—Stix, Baer & Fuller
St. Paul—The Golden Rule
Silver Spring—The Hecht Co.
South Bend—Robertson Bros.
Spokane—The Bon Marche
Springfield, Massachusetts—Forbes & Wallace
Stockton, California—Breuner's
Tampa—Maas Brothers
Washington—The Hecht Co.
Wheeling—Stone & Thomas
Worcester—Sawyer's
Youngstown—The Strouss-Hirshberg Co.

Models of *Better Homes & Gardens* Five Star homes are frequently shown in the stores listed above. Inquire at the Home Planning Center for showing dates.

Plans and Home Plan Book

Better Homes & Gardens Five Star Home 1901, featured in this issue, is one of the series of one- to four-bedroom homes which make up the Five Star Home Plan Service. These homes, designed by America's foremost architects, range in style from Cape Cod to Contemporary, Traditional to Ranch-type. These are homes planned to give you maximum comfort, convenience, and beauty—at minimum building cost. *Better Homes & Gardens* Five Star service includes:

★ **Designs by skilled architects**

★ **Detailed working drawings**

★ **Cost-finding materials lists**

★ **Complete specifications**

★ **Contractor-owner agreements**

Working Drawings are detailed architect's drawings, from which your builder or contractor will build your home. They are complete in every way. Cost is $5 per set. Included with each set of working drawings are: 1) specification form outlining the quality of materials and workmanship you'll want in order to insure sound construction; 2) contractor-owner agreement form—a suggested legal contract to assure your home will be built as specified.

Lists of Materials—priced at 10 cents—are available separately for each Five Star home. With this list, your architect, building materials dealer, or builder can compute in advance the building cost of your home in your community.

These complete home-planning aids may be purchased at firms listed above or ordered direct from *Better Homes & Gardens*, Des Moines 3, Iowa.

When mailing your order, be sure to specify the Five Star home number. Enclose a postal money order, bank draft, or check, payable to *Better Homes & Gardens*.

Home Plan Book: If you haven't selected a specific Five Star home plan as the home you want to build, *Better Homes & Gardens* new book, *Five Star Homes*, will help you make a choice. This 76-page book brings you photographs and floor plans of 66 Five Star homes. Price —50 cents. You can buy your copy at firms listed above or order direct from *Better Homes & Gardens*.

LITTLE LULU



Times have changed—we play *Drop the Kleenex*!*

Little Lulu says: You know how kiddies drop their handkerchiefs *and lose 'em!* A box of Kleenex Tissues for school during colds saves good hankies—saves raw noses—saves washing!

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Keep Baby's Room WARM AS TOAST

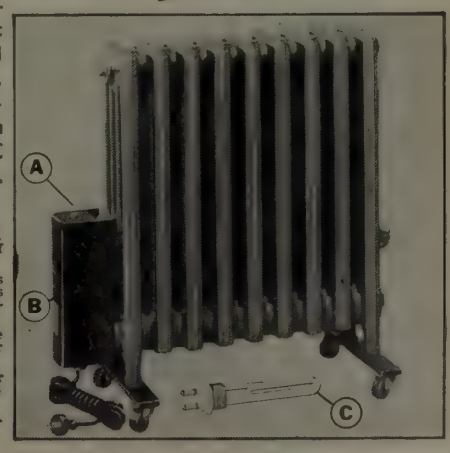
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BURNHAM PORTABLE ELECTRIC STEAM RADIATOR



Is your baby's room *always* warm enough for bathing and floor play? It can be—even on the coldest and windiest days if you have a Burnham PORTABLE Electric Steam Radiator.

Here's extra heat—reliable STEAM heat—for ANY room that's wired for electricity. This famous radiator is not a "gadget" but a complete, thoroughly dependable, fully automatic heating unit. Rust-resistant *cast iron*. Used since 1932 by thousands of satisfied owners. Clean. Odorless. Safe. Approved by Underwriters' Laboratories. Costs only a few cents a day to operate. 3 different sizes... AC or DC—110 or 220 volts—$57 to $78 FOB Factory. Get the whole story. Mail coupon below.



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and for use in any room where you occasionally need quick extra heat.

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Irvington, N. Y.
Please send folder telling more about the Burnham Portable Electric Steam Radiator.
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JANUARY GARDEN GUIDE



In all sections:

- Seed catalog time—make your planting plans.
- Raise coldframe sashes a few inches when temperature goes above 45 degrees.
- Put cable supports on tree forks which are starting to split.
- Turn compost heap to hasten breakdown.
- Drain standing water on lawns and gardens.
- Control insects on house plants.

SOUTH

Plant bulbs in the Lower South: Easter lilies, Guernsey lilies, hemerocallis, rain lily, and zephyranthes. In south Florida plant gladioli.

Move nursery stock—while plants are dormant. Since nursery stock often remains for years with (unfortunately) limited feeding, it should be planted with excellent preparation, including long-lasting food. Winter-prune shrubs, but only those which flower in the summer. Broad-leaved evergreens and conifers may also be shaped by pruning now.

Spray broad-leaved evergreens with lime-sulfur at dormant strength to prevent scale damage. Plant roses as weather permits—the sooner the better. Prune in south Florida only. A light feeding with a complete plant food, two pounds for each 100 square feet of bed, will provide food at the first awakening of the plant.

Keep the winter lawn trimmed. A light feeding of 25 pounds complete plant food for each 1,000 square feet is beneficial.

—W. Elbridge Freeborn

TEXAS-SOUTHWEST

Sow seeds in flats indoors for early-spring bloom of calliopsis, coreopsis, calendula, marigolds, dianthus, ageratum. Plant dahlia seed for June flowering. Make cuttings of geraniums, poinsettias, coleus.

Out of doors, sow stocks, sweetwilliam, wallflowers, cornflowers, annual chrysanthemum seed, annual hollyhocks, and any other of the fall-planted annuals that were frost-killed.

Feed shade trees this month, preferably the last week. Prune and spray trees and shrubs with dormant sprays. Don't prune the early-spring-flowering unless absolutely necessary.

Prepare the strawberry bed. Blackmore variety is recommended for the "black-waxy" area soil belt.

Tomato, cabbage, pepper, and eggplant seed planted indoors the first part of January will usually be ready for transplanting by the time the weather permits.

—Marian Price Scruggs

CENTRAL-EAST

Fertilize potted plants occasionally at the rate of a teaspoonful to a 4-inch pot. Cultivate the surface with a table fork, spread the fertilizer, then water it in. A mulch of humus will help hold moisture.

Move large trees. Those larger than 6 inches in diameter measured 1 foot above ground should be moved with a ball of earth. Put a tile drain under trees planted in clay soil and make sure it drains to an outlet. Avoid mixing ice and snow with the fill soil; it would melt later and leave air pockets.

Guy up small trees that are starting to grow crooked or are bent over by the wind. Straighten a crooked trunk by tying a stake to it. For tying, use soft jute string so the bark won't be injured.

Burn all brush piles containing elm branches and make sure that no dead elms come thru the winter. The elm-bark beetle, which spreads spores of Dutch elm disease, lives over winter in diseased elm wood.

Put sand on icy walks and steps instead of salt. Salt may be injurious to plants beside the walk.

—Harvey Bicknell

PACIFIC NORTHWEST

Sow petunias and lobelias by the end of January, as they need a long, cool growing season. Sow seeds of lilies, irises, gladioli, alstroemerias, tigridias, anomathecas, and other bulbous plants in flats or pots, and place in a coldframe.

Move ferns now when they are dormant. Mix plenty of leafmold into the ground, and top-dress the crowns with compost or leaves after planting.

Prune grapevines early in January. Fasten stems and branches securely to the supports. Thin out branches of shrubs now that the leaves have fallen, as a first step in pruning. Spray shrubs and rose bushes with lime-sulfur or oil-copper spray when there have been a few days of dry weather.

Cut sprays of yellow jasmine, pussy willow, and forsythia in bud. Placed in lukewarm water in a sunny window, the buds will promptly open.

—Ada V. Turner

CALIFORNIA

Prune fruit trees to thin the fruit of trees which have a tendency to overbear.

Now is the time when strong solutions of spray oils can be used for controlling scale. They penetrate the shells better than the weaker solutions can do later.

Sow tomatoes, peppers, and other warm-season crops in a protected place. They will be ready to plant out when danger of cold weather is past.

Provide wind and sun protection for newly transplanted trees. Avocados are especially susceptible to burning.

—Alfred C. Hottes

Now Easy to Beautify and Make Fruitful the Home that Holds Your Future

EW-TYPE "VEST-POCKET" ORCHARDS

RK GOLD and BURBANK
BLACK GIANT
Sweet Cherries

New STARK
GOLDEN
DELICIOUS APPLE
(Trade Mark)

Deluxe Catalog Sent FREE due to shortage of salesmen. 334 glorious art plates. Shows 302 varieties. Many in Life-Like Color. Hurry! While limited edition lasts. **Certified $1.00 Retail Value.**

New STARKING
Delicious
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Apple

will keep a family in fruit—take little more space than a double garage



AL-BERTA GIANT Peach
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Big NEW Book—Over 1 Foot Long

uit Bearing Now "Accelerated"

by Double-Heavy Root System Grafting

of new Stark-Burbank Wonder Varieties — MANY BEAR IN 3 OR 4 YEARS



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Amazing new developments make it possible for families throughout America to raise their own fruit—to raise fruit in less time—to begin picking fruit in fewer years—to raise fruit of gorgeous color, mammoth size and breath-taking flavor.

Imagine being able to feed an entire family with fruit produced in a vest-pocket orchard—an orchard taking little more space than the ground covered by a double garage.

Imagine stepping a few feet from your doorstep to pick at will genuine Stark Golden Delicious or Starking Delicious apples that would cost 10c to 15c each at a store. Yes, pick n generous abundance—give them freely ir health benefits to your entire family. is the new promise held forth by recent oments of Stark and Burbank . . . to real- your own home yard the thrill of tree- l fruit . . . and all you have to do is plant . Yes, only 8 trees of the miracle varieties tch the fanciest prices on the market— e Stark Golden Delicious and genuine d Starking Delicious apples.

Bearing Age Now Accelerated

of trees to plant is extremely important e these are the trees propagated from "Record-Bearing" (Trade Mark) strains ed with greater vitality, endowed with ous young bearing characteristics so that of them bear fruit in 3 or 4 years. These accelerated in bearing by grafting on heavy root systems by Stark Bro's ex- Trade-Mark Old Oak Process whole root —and by "fattening" in selected soils digging. This practically eliminates set- rom transplanting. As a result, anyone can shortcut bearing age astoundingly. Fruit is ready to pick almost before you realize it.

Many So Different U. S. Patents Have Been Awarded

But whatever you do, don't confuse this advanced fruit growing with the fruit growing of your father's time. Don't confuse it with the fruit growing of recent years on ordinary varieties of trees because Stark patented or trademarked varieties are so superior that they are actually like a new race of fruits. Don't confuse these gorgeous big apples with the puny fruit that comes from ordinary unimproved varieties.

Investigate today the opportunity to "own your own" vest-pocket orchard for only $17.60. Why, the fruit from each one of these 8 trees should be worth far more than that.

Gorgeous NEW Book Shows Wonder Fruits in Life Color, Life Size

Take this new opportunity to beautify your home and to make it fruitful. Take this opportunity to give your family the health benefits of fruit without stint, and to save in one year, when these fruit trees grow to maturity, more than you pay for the entire orchard now. See your trees grow in value year after year. Act quickly. Plant this season and gain a year. Pick and enjoy fruit a whole year sooner.

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Master plans of noted landscape architects specify varieties and location to beautify typical homes. How to plant for balance, beauty, harmony, for a profusion of color and bloom all summer! Easy to adapt to your own home. Now they are offered absolutely Free. Send for these Free Plans today. Check the square in the coupon. Then tear out and mail.

NOW GROW APPLES ON DWARF TREES—Take Only Limited Space—Use new Stark Hardy Dwarf Apple Trees, hardy wherever apples grow. Need no staking or bracing. Just write the word "DWARF" on coupon to get full details.

Mail the coupon today and we'll send you complete information in a glorious 72-page art color book that reveals in Natural Color Photography the glories of these fruits and tells the fascinating story of how Stark Bro's comb the world for new and improved varieties of trees to make it possible for almost anyone anywhere to raise his own fruit. See in this glorious big catalogue, over one foot long, 302 varieties of apples, peaches, pears, plums, cherries, apricots, grapes, roses and ornamentals . . . the champion fruits of America, many of them the champions of the world.

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Largest in the World . . . Oldest in America
10 Nurseries Coast to Coast

Accept Prize Tree Offer to Introduce
If there are none of these Stark Wonder Trees in your locality, you are eligible for a Prize Tree. Offer good for a *limited time only*, so check coupon at right—today.

Every Stark Tree GUARANTEED to Grow

Hurry—plant a family Vest-Pocket "Back-Yard" orchard now. It will be one of the remembered things you will gratefully recall in the years to come. No investment you can make will pay you back so richly as this $17.60 to start enjoying a lifetime of Stark Golden Delicious and deep red genuine Starking Delicious apples for your family.

Send COUPON today. Two extra books free as bonus for prompt action—while they last.



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CKERLY

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Shows 302 Varieties. Shows in Gorgeous Color Apples, Peaches, Pears, Plums, Cherries, Apricots, Grape Berries, Roses, Shrubs and Shade Tree

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☐ Check here for Free Fruit Planting Guide.
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Let early thaws and rains soak VIGORO into your lawn

—even the deepest roots will be nourished!

Lawn experts strongly advise early feeding—even when snow is still on the ground. Applied now, early thaws and rains work Vigoro down deep ... to the base of the roots where it does the entire plant the most good.

Vigoro . . . complete, balanced plant food, is the result of scientific laboratory research . . . a combination of food elements growing things must have from the soil for the best possible nutrition, growth and reproduction.

So feed Vigoro now—just 4 pounds to every 100 square feet of lawn area. Give your lawn an early beauty treatment. It will come up healthier, thicker, greener . . . more weed-free. Ask your garden supply dealer for Vigoro today.



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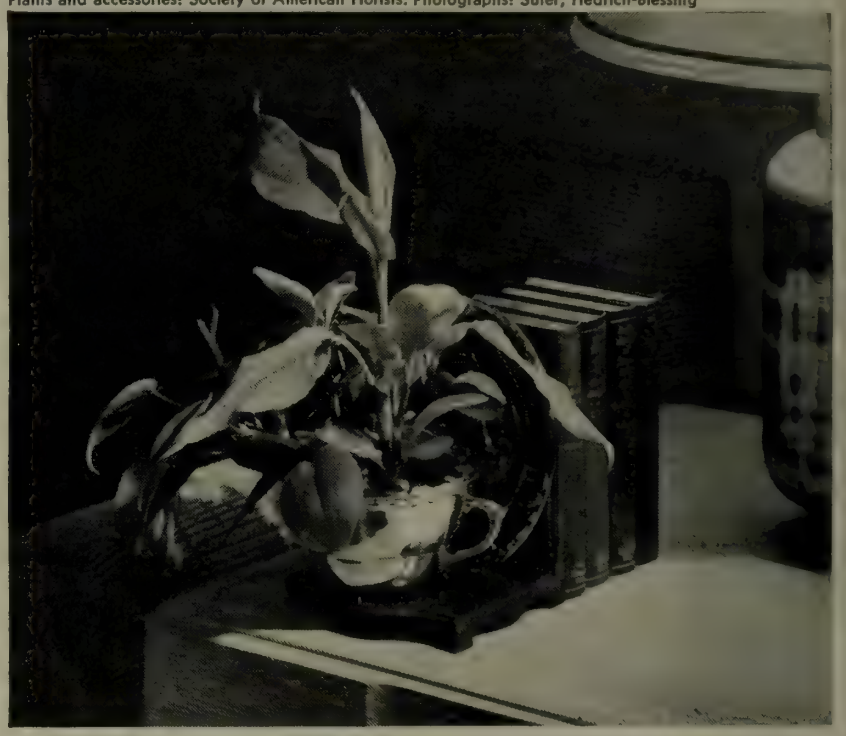
Use cups and mugs for your house plants

By Inez Catherine Dean

HERE are ideas for displaying your fine pieces of china and at the same time getting welcome bits of greenery into your rooms this winter. All plants we show are easy to come by, and inexpensive.

Because cups and mugs have no drainage holes, do not drown roots of plants requiring soil by keeping soil constantly soggy. Sun your plants for two hours weekly.

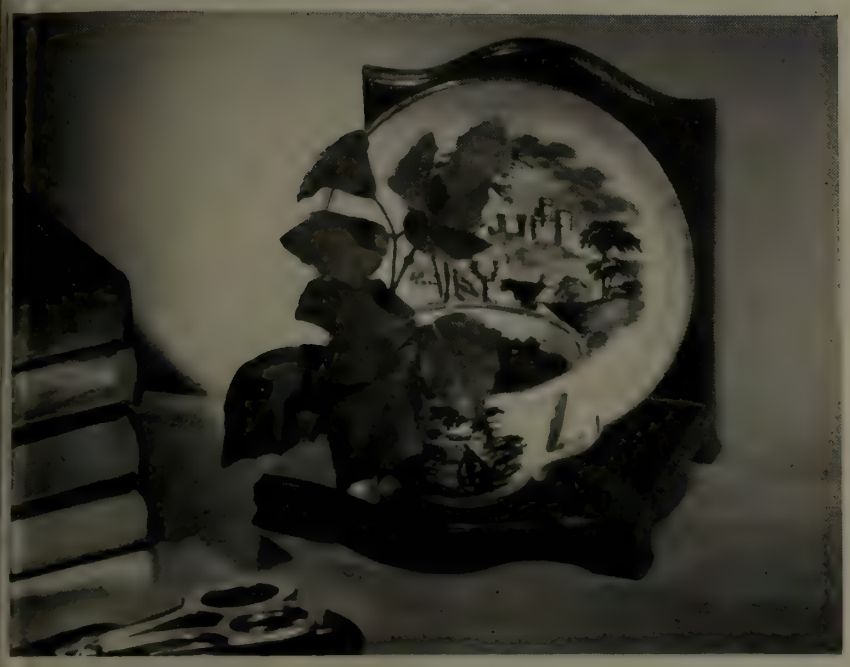
Plants and accessories: Society of American Florists. Photographs: Suter, Hedrich-Blessing



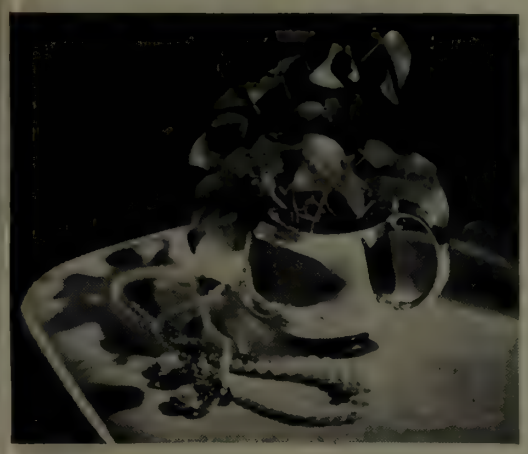
Philodendron and Chinese evergreen in a gilt king-size cup and saucer on base serve as book end. Use soil or water, but water may spill



Pick-a-back plant is of perennial interest, especially where it gets a shaving mug like this as outer pot. Dust leaves with soft brush



Grape-ivy tips grown in soil or water decorate, without hiding, a handsome cup and saucer. The antique china on a simple modern wood base makes ornament adaptable to many uses



Short ends of miniature-leaf ivy are just the thing to tuck into Baby's outgrown silver mug. Grow them in either soil or water. If in water, use marbles or pebbles to hold roots down



Gold-splashed pothos, or hunters-robe, always looks well growing in something tall like this handsome antique beer mug. Keep soil one inch below rim of mug to make watering easier

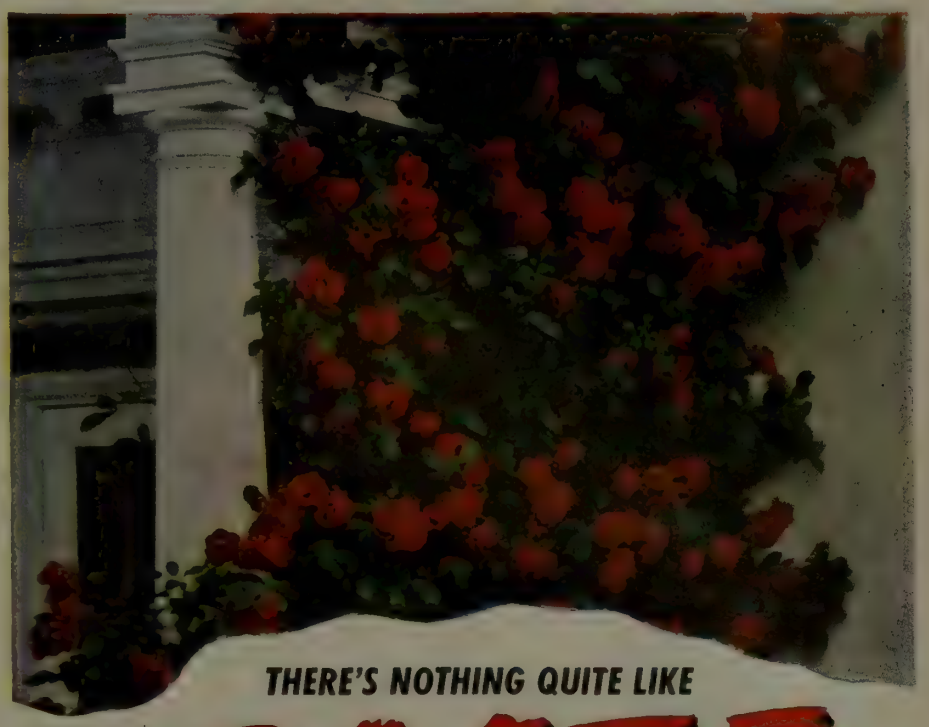


Short sprays of philodendron (right), ivy (front), and peperomia (left) in delicate china cups make an interesting coffee-table group. Renew often to keep in scale with cups. Use sandy soil to hold stems in place

More on next page

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CLIMBING ROSES!



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BLAZE

Plant Pat. No. 10

TO DRAPE ON FENCES, PILLARS, PORCHES

WANT to make yours the most admired garden in the neighborhood? Add the magic touch of BLAZE—America's most popular climbing rose!

Just picture this glorious, hardy, double-red beauty blanketing your pillars, trellis, walls, fences! It grows 10 to 12 feet high, produces scores of 2" to 3" flowers in dramatic red-red clusters. And, as the plants become firmly established, the sturdy canes of "old wood" add their own flood of vivid scarlet blooms. The lovely cascades of blazing red roses start early in June and *repeat all Summer long!*

Easy to Grow—Very Hardy

BLAZE needs no special attention. It is exceptionally hardy and prolific. GUARANTEED TO LIVE AND BLOOM in *your* garden. Only $1.50 per plant. SAVE 75¢ by ordering 3 for $3.75; SAVE $3 by ordering 12 for $15.

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Order Blaze, with outstanding Floribunda Roses

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I enclose $..... At proper Spring planting time for my locality, send me.....BLAZE ROSE BUSHES and the group offers checked in the boxes below. Also send, FREE with my order, your HOME GARDEN GUIDE.

(Please add 25¢ to partially cover costs of postage and handling.)

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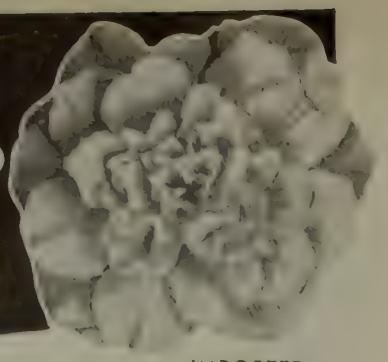
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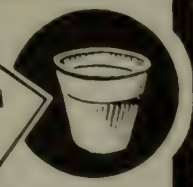
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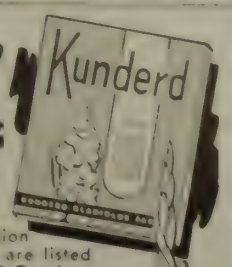
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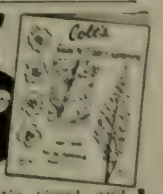


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Cups and mugs for house plants

Begins on page 118



Philodendron for graceful sprays and green peperomia next the handles of twin mugs of brown glaze make a fitting decoration for a rumpus room. Hang from 4-inch "square hooks." Leave room in mugs for watering



Ruddy pellionia ends make the low sweep and a small striped draecena the high side here—a hat for Old Charlie. Since insides of Toby jug are irregular, the plants are left in a pot which rests on rim of jug



Short leaves of the often-seen sansevieria take on new smartness when grown in a big cup with gold roses. Cup stands on feet, so no saucer is needed to avoid water marks on table



Arrowhead, or nephthytis, gets more than the usual attention when set down on a coffee table in a mustache cup from the Gay Nineties. Arrowhead does unusually well in water

Where to get it, page 129

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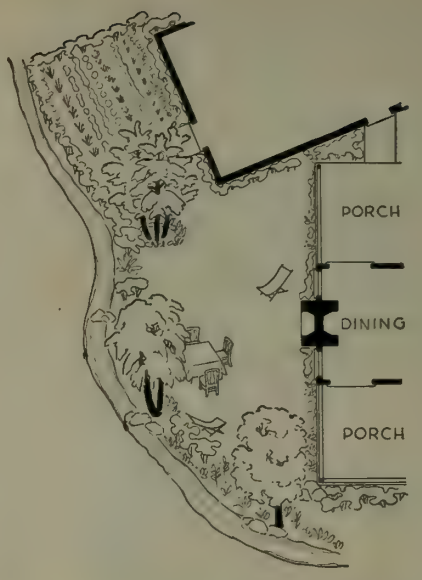
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The most



Compact as a kitchen, but still uncrowded. Outdoor fireplace backed up to a house chimney needs its own flue with lining and brick separation

Photographs: Maynard L. Parker



House vacations during summer. Evening meals are served on this porch, bright with painted-on lemon trees. Breakfasts are on the sunny east-side porch, seen thru the dining-room double doors. Informal parties are held on the lawn at right. Result of so much outside living? Less house cleaning. Idea: If your porch is small, make every inch usable by fitting a substantial railing around edge. Design should be in keeping with house

from a tiny yard

There's room for outdoor living like this in the smallest places

By Martha B. Darbyshire

YOU want more room outside? Why not use what you have *oftener*? Amounts to about the same thing.

Make that little spot of back yard so pleasant that it draws you like a magnet.

Give it more chairs, for instance. They needn't be expensive. You can muster out your castoffs, give them a coat of exterior paint or enamel, and leave them out, rain or shine. Having plenty of chairs on hand—chairs you don't need to lug around—is the best way of getting more out of a bantam-sized back yard.

Set your porch up in business, too. Deck it out in comfortable furniture you can't resist.

One thing more. Can you go out in the yard in your oldest clothes—or stripped to the minimum during hot weather—without feeling self-conscious? Whether inside or out, home is a place where you shouldn't have to worry over appearances. Screen yourself in with shrubs, walls, or a fence with vines. See how Bob Brown of Los Angeles did all this.



Freedom and fresh air of all outdoors in a spot little bigger than an ordinary room. Bob Brown's back yard (above) is just a 12-foot shelf that drops off sharply at the left. But the screen of quick-growing trees (helped out in early life by a picket fence) lets furniture be used up to the very edge. You can do the same where a neighbor, street, or alleyway cramps your space. Where walls are close, cover them with vines



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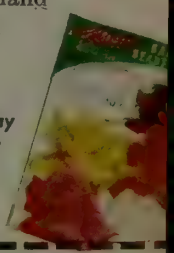
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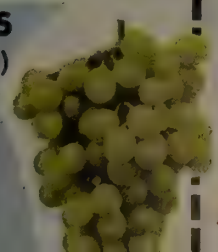
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Garden on the cover



You probably can't boast of a view like this from your living-room window. But even without the ocean this home offers you many ideas for getting the most from a tiny garden

By Frederick Lang
Landscape designer

THE garden on the cover is proof that a lot of garden can be put into a small space. It is the M. Chaffin garden on Emerald Bay near Laguna Beach, California, and was designed to combine easy care with year-around brightness and color.

The easy care is typified by the *Dichondra repens* lawn which needs no mowing. Almost-constant bloom is supplied by roses, with just a few iris, daylilies, and geraniums for variety. Upkeep amounts to little more than a few snips with a pruning shears and supplying a bit of plant food from time to time.



The garden is a narrow shelf 18 feet at its widest point between the house and a steep bank. Nevertheless, smart planning provides enough room for terrace, lawn, flowers, and trees

Photographs: Maynard Parker



A porch sheltered from the wind is the heart of the garden. The corner fireplace is in constant use, keeping coffee hot and muffins warm. The three plates on the wall are the same deep blue as the umbrella just outside and the sea beyond. And for glamour there's the giant honeysuckle which twines around the porch post and spreads out across the roof above



The service area is tucked into a strip only 4 feet wide between sidewalk and bank. A trellis makes one clothesline post part of the garden, while flowers and trees take some of the harshness from the incinerator

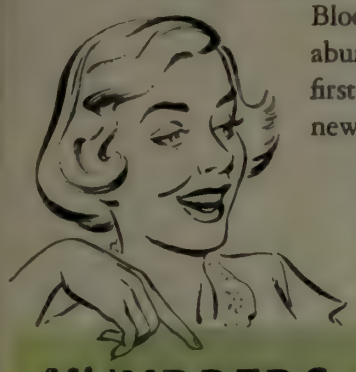
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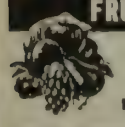


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Does your tree need support? I



The line of weakness where this apple tree is starting to split to the ground is cause for worry and action. Such unsupported V-crotches are always invitations to trouble. You may have a huge lawn tree with a similar weak crotch which has stood for generations. It may stand for generations more . . .

Photographs· Stanley, Walter H. Flaig

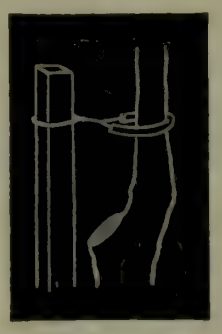


. . . and then again it may not. A sleet storm showed up every weak crotch in this tree, but it's too late to do much about it now. Cabling wouldn't have saved all the small branches on this battered elm, but it would have preserved the large limbs and the appearance of the tree.

Here's the "why" of supporting weak limbs

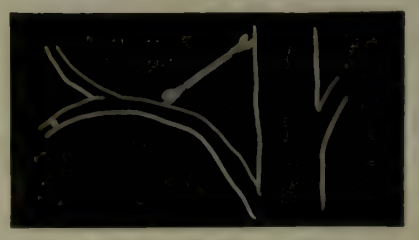
These cross sections show why some crotches are weak, some strong. The V-shaped crotch at the right is weak because the wood structure is poorly united. On the other hand, the structure of the U-shaped fork at the left is such that the two limbs support each other.





You can do two things to correct a weak fork. In a very young tree cut off one of the branches cleanly and stake or guy the other upright. Be sure to paint the surface of the cut to prevent infection, but don't get paint on the exposed edges of the bark or healing may not occur.

Or if the tree is too large for such pruning, use cable to support the weak crotch. Put a galvanized lag screw hook into each branch and tie a taut wire cable between them. If the tree is large, you'll be wise to call a tree expert to do the job because it's no project for amateurs.



More clinic on next page

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42 PLANTS IN ALL . . . ALL HEALTHY, HEAVY STOCK . . . ORDER YOURS NOW!

INTRODUCTORY OFFER
$12.19 VALUE ONLY $2.95

This is an introductory offer—the regular catalog price of these 42 fine plants is $12.19 . . . but they're yours for just $2.95 if you order from this advertisement.

EXTRA-TULIP TREE
ORDER NOW and you receive at no extra cost a big 2-ft. tulip tree—a fascinating tree that is covered with tulip-shaped blooms in spring!

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We ship C.O.D. — pay postman just $2.95 plus postal charges. We will ship at proper planting time for your locality.

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[5 PKTS. 10c]



Huge, fluffy, wilt-resistant asters in five separate colors: blue, crimson, white, pink, purple. A whole garden full as a get-acquainted offer.

'49 spring catalog FREE
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Lemons Weigh 1 to 3 lbs. Also Dwarf Oranges

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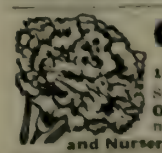


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R.H. SHUMWAY SEEDSMAN, Box 324, Rockford, Ill.

Does your tree need support? II

Photograph: Bartlett Tree Expert Co.



Any broken limb, however small, needs attention. The owner of this tree apparently thinks loss of a few branches is no cause for worry; he may soon have to worry about losing an entire tree. Insects and fungi are at work in wounds left by broken limbs; twigs are dying back

Davey Tree Expert Co.



You can sometimes save a tree even after it splits. Tree experts have done a skillful restoration job on this magnificent oak, but such first aid isn't always possible. You'll save money and probably a tree if you call in experts to cable weak crotches before they have split wide open

More on next page

GERMAIN'S *Again* Sets the Fashion with

AMERICA'S MOST BEAUTIFUL RED ROSE!

"San Fernando"

All America Rose Winner



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and **GARDEN CATALOG** featuring Germain's outstanding Patented Roses



From California, home of Germain's world renowned roses, comes **"SAN FERNANDO,"** All America Winner. Because of 30 magnificent petals of glowing currant red, it is acclaimed "America's most beautiful red rose." Its heavy pleasing perfume fills your garden with lovely fragrance. Also featured are Germain's outstanding **"San Gabriel," "San Luis Rey," "Best Regards," "Yours Truly,"** and dozens of the world's finest Patented Roses—all described, and all illustrated in exquisite natural color!



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Germain's large, 1st grade, 2 year old, hardy field grown plants are *guaranteed* to give *surer, earlier* blooming anywhere in the U.S.A. Research development by Germain's preeminent Rosarians, under California's *unexcelled* growing conditions, has produced the beauty, vitality, abundant bloom and fragrance of these roses.

EVERY PAGE IN NATURAL COLOR—Many fascinating pages of world renowned California Roses. Also sensational new **Blue Giant Violet** with stems 9 to 12 inches long; rare **Pelargoniums,** most beautiful in America; new giant double Florist quality **Carnations,** giving years of lovely bloom; **Bletia,** new garden Orchid that thrives indoors, or outdoors in mild climates; **Camellias**—largest collection in West; prize winning giant **Gladiolus;** magnificently colored **Tuberous Begonias.** Newest conservatory specimen plants—exotic **Fancy Leaf Caladium,** etc.; also Flower Seed **NOVELTIES** for 1949—**Cosmos Radiance** (All America Selection); New **Aster Princess Linda;** Gold Medal Dahlia-Flowered **Zinnias,** etc. **Mail coupon today for...**



Cosmos Radiance

AMERICA'S FINEST ROSE AND GARDEN BOOK

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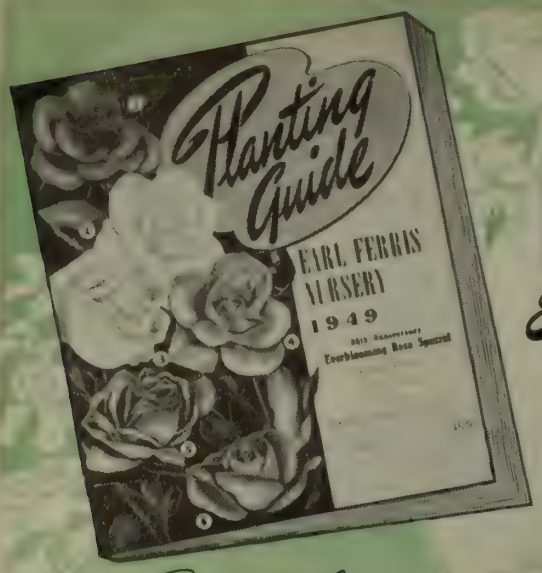
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Again...

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After 80 years, this latest of our annual Ferris Catalogs and Planting Guides is larger, more beautiful, more complete than ever. It will delight every home lover. Gorgeously illustrated in natural colors. Many direct-from-nursery values in—

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Flowers • Shrubs • Bulbs
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There are hundreds of attractive low priced suggestions in this marvelous new book, including many of the newest varieties.

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A real guide book to Nature's storehouse of beauty around the home and good things for the table. WRITE TODAY for your copy of the Ferris 1949 Catalog—it is free but the supply is limited. So don't delay.

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Postpaid



3-Year-Old Northern Grown 4-8 Inch Seedlings

A splendid offer on some of our most popular Evergreen Trees, so fine for landscaping or screening.

5 Colorado Blue Spruce
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Hardy, beautiful, quick growing. Lovely specimens in short time. **All 20 postpaid for a dollar.**

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Beloved By All

who see it, "PEACE is the New Miracle Rose" winning honors in gardens and at shows throughout America. Now Winner of the National Gold Medal of the American Rose Society, no description can do this rose justice. Order now for delivery at planting time. Then see for yourself why "PEACE" is considered "TOPS" by gardeners everywhere. 2-yr.-old field-grown plants, GUARANTEED TO BLOOM, $2 each, 3 for $5 postpaid.

Write today for our new FREE catalog describing 134 Star Roses: PEACE; newest All-America Award Winners TALLYHO and FORTY-NINER; our new Meilland roses—CAPRICE, a sea-foam yellow and flame-pink hybrid tea; ALAIN, a carmine-red floribunda; and other best roses. Many shown in full color. Plan your garden of STAR ROSES now, for entrancing beauty all summer long—for years to come.

THE CONARD-PYLE CO., Robert Pyle Pres **West Grove 260, Pa.**

PEACE IS FOR SALE BY LEADING ROSE DEALERS

Clivia, indoor beauty queen

Q *A year ago I was given a gorgeous orange-blossomed plant called Clivia. It is still growing. Can it be made to bloom again? T. R. C., Connecticut.*



Photograph: McFarland

YOUR plant is the beautiful *Clivia miniata* whose early-spring clusters of orange-red blossoms make it an unexcelled house plant. You can make it bloom again, and this is the time of year to start forcing it. Here's your year-around schedule of clivia culture:

Winter. In December or January move the plant to a cool spot in poor light. Water only enough to prevent the leaves from wilting.

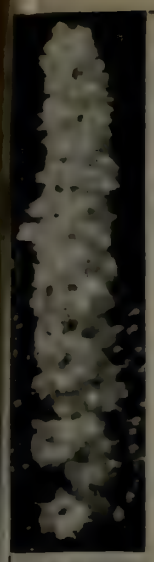
Early spring. About late February, growth will start. Move your clivia to a moist, warm spot. Step up the humidity by daily spraying if necessary. Start feeding (see below), give plenty of water—and you'll get masses of bloom so heavy as to need inconspicuous staking.

Summer and fall. When the last bloom is gone, reduce the watering a little but continue feeding. Move your clivia into a bright spot outdoors during summer.

Feeding. Clivia needs heavy feeding. So, except for the winter resting period, each month give yours a tablespoonful of complete plant food dissolved in water. Feed a cupful of the solution at a time.

Repotting. Keep in the same pot without disturbing for several years even tho roots are severely crowded. When necessary to repot, use a rich soil mixture containing one-third peatmoss. If you want another clivia, you can grow it from a bulb, altho it's wiser to get an established plant from a florist.

More on page 130



HARRIS SEEDS

NORTHERN GROWN

Seeds and Plants

of these Giant Pacific Hybrid Delphiniums available for the first time in

Four Separate Colors.

Each plant of these new perennials produces many tall, stately spikes of large double florets from June to September. *White, sky blue, pinkish-lavender* and *deep violet purple* are the colors.

The price is very reasonable: Four packets of seed for $1.50; four large field-grown plants for $2.25 postpaid.

More fully described in our new catalog.

Send for our Free Catalog today.

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For Summer Cottage or Camp Home or Playroom



If you're planning to build or remodel, *get our FREE 32 page Book*, which pictures and describes 100 Fireplaces. It will help you make a practical and artistic selection. The Book also gives valuable information about

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Gurney's Earlibell. Ripe in only 62 days. Bright red, smooth, delicious. Fine for slicing or canning. Big pkt., enough for any family; also handy Planting Guide and new Catalog of **HARDY, Northern Grown** seeds and plants—all free, postpaid. Please enclose stamp.

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FREE COLOR CATALOG



***New* FAIRLAND STRAWBERRY**

Where other varieties fail from diseases, **Fairland** makes money for you. Best for home gardeners too. Other Fruits, Berries, Evergreens, Roses. Write today for **FREE Color Catalog.**

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90 Days After Planting

While they last—2 year old Transplants—Black or Red Raspberries—Pick berries in 90 days—more fully described in our free catalog full of bargains in plants, trees, shrubs, etc. Write today.

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Sweetest, tenderest Corn you've ever eaten. Ears 4 inches long on 30 inch stalk—Ready to eat in 60 days. Nothing finer, fresh, frozen or canned. Send 10c for 100 Seed and Big New Seed, Plant and Nursery Catalog. **FREE**

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Also full line standard Fruit Trees, Shrubs, Ornamentals, Small Fruits, etc. Write today!

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WESTHAUSER NURSERIES, Box 231 Sawyer, Mich.

Where to get it

Most items shown in this issue should be available in your local stores. If, however, they are not, for your store's convenience in ordering, we list the names of the companies making the items.

What color can do for your dining room

Page 54. Early American room: Consider H. Willett Inc., Louisville, Kentucky.
Paneled room: Courtesy Sherwin Williams Paint Co., 101 Prospect Ave., Cleveland, Ohio.
French Provincial room: Martha Weaver, decorator. Barker Brothers, Los Angeles, California.

What a steam iron can do for you

Page 64. Steam iron: Waring Products Corporation, New York City.
Page 65. Top row, left to right. Steam irons: Steam-O-Matic, Waverly Products, Inc., Bridgeport, Connecticut; Monitor, Monitor Equipment Company, New York City.
Middle row, left to right. Steam irons: Silex. The Silex Company, Hartford, Connecticut; Mermaid, Hope Products, Inc., St. Louis.
Bottom. Steam irons: Steam-O-Matic, Waring, General Electric, Monitor, Silex.
Page 81. Top. Steam iron: General Electric.
Middle, left to right. Steam irons: General Electric, Bridgeport, Connecticut; Steemco, St. Louis Steam Products, St. Louis.
Bottom. Steam iron: General Mills, Inc., Minneapolis.

New colors for your kitchen

Page 56, 57. Pink kitchen. St. Charles Steel Kitchens: St. Charles Manufacturing Company, St. Charles, Illinois.
Range: Roper.
Refrigerator: Servel.
Dishwasher: Hotpoint.
Page 56. Red, blue, and white kitchen. Steel cabinets: Youngstown Kitchens, Mullins Manufacturing Corporation, Warren, Ohio.
Range: Hotpoint.
Dishwasher sink: Hotpoint.
Refrigerator: Hotpoint.
Page 58. Persimmon-red kitchen. St. Charles Steel Kitchens: St Charles Manufacturing Company, St. Charles, Illinois.
Bamboo tables and chairs: American Chair Company, Sheboygan, Wisconsin.
Apple red and green kitchen. Steel cabinets and sink: Youngstown Kitchens, Mullins Manufacturing Corporation, Warren, Ohio.
Refrigerator: Hotpoint.
Range: Electromaster.

Use cups and mugs for your house plants

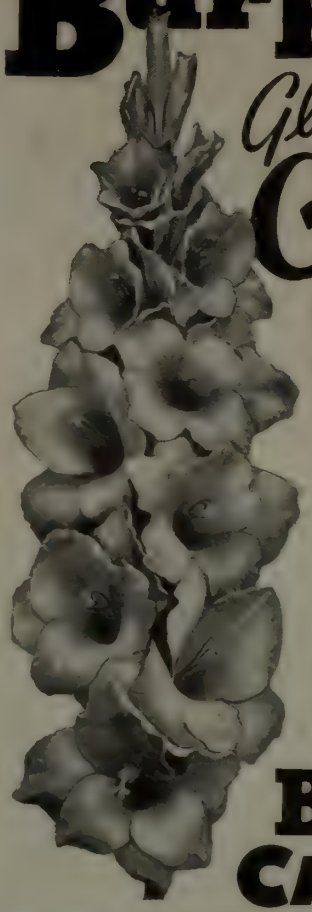
Page 118. Modern gilt-glaze cup and saucer: Mangel's Blackstone Shop, Chicago.
Page 119. Antique Liverpool cup and saucer with wooden stand: Findlay Galleries, Inc., Chicago.
Sterling-silver child's cup: Marshall Field and Company, Chicago.
Antique French china mug: William H. Hoops and Company, Chicago.
Antique Meissen (right), Coalport (left), and Staffordshire (below) cups and saucers: William H. Hoops and Company, Chicago.
Page 120. Modern brown-glaze mugs: William H. Hoops and Company, Chicago.
Royal Doulton "Old Charlie" Toby jug: Findlay Galleries, Inc., Chicago.
Antique Royal Berlin cup: William H. Hoops and Company, Chicago.
Early American mustache cup. Blue, gold, and white: Findlay Galleries, Inc., Chicago.

We furnish our most popular Five Star home

Page 90. Living room and dinette. All upholstered furniture: The Hecht Company.
Carpet: Mohawk.
Breakfront: Scandia.
Coffee table: Weiman.
Drum table: Weiman.
End table: Robert Irwin.
Radio: Philco.
Lamps: Paul Hansen.
All draperies and fabrics: Goodall.
Dinette table: Weiman.
Dinette chairs: Robert Irwin.
Butler service table: Robert Irwin.
All accessories: The Hecht Co.
Master bedroom. Carpet: Firth.
French Provincial bedroom suite: Robert Irwin.
Slipper chair: Selig.
Lamps: Charlton.
Curtains: Hathaway.

[*Turn to page 131*

Burpee SPECIAL OFFERS



Glorious **GLADIOLUS 10 Bulbs 25¢**

All You Want at These Low Prices! **45 Bulbs $1**

Economy-Size Bulbs All are high quality, giant flowered kinds, good-sized bulbs, *guaranteed to bloom this summer.* The size preferred by many for largest number of flower spikes at low cost. Splendid selection, favorite varieties, *all best colors mixed.* You will get years of enjoyment from these Burpee bulbs! Special—**10 Bulbs 25c; 45 for $1.00.**

Largest Size Bulbs For those who wish the tallest spikes with greatest number of blooms on each. This *Burpee Special Mixture* has only the choicest kinds and colors. **15 Bulbs $1.00; 50 Bulbs $3.00.**

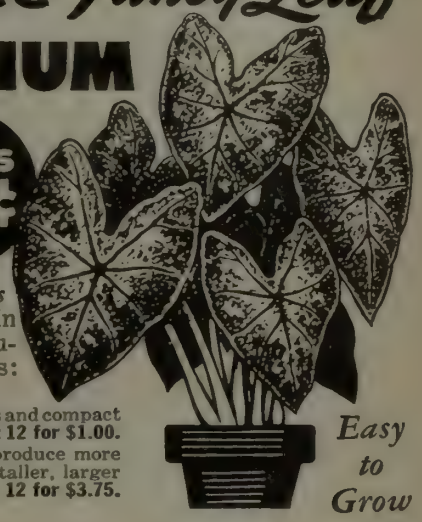
Six Beautiful Gladiolus

Six distinct and lovely colors, separately bagged and labeled. All largest size bulbs: *Beacon,* red; *Maid of Orleans,* white; *Minuet,* lavender; *Peggy Lou,* rose; *Shirley Temple,* cream; *Vagabond Prince,* garnet. **18 Bulbs,** 3 of ea., **$2.10—36 Bulbs,** 6 of ea., **$3.45**

Burpee *Fancy Leaf* CALADIUM

Graceful leaves in gorgeous tones of *red, pink, green,* and *white.* Strikingly veined and variegated; some spectacularly mottled. Changing tones and new leaves add interest daily.

3 BULBS 25¢



Unique as House Plants; Prized for Brilliant Color in Shady Garden Spots

To enjoy this winter indoors; all summer in the garden. The leaves are stunning in bouquets, flower arrangements. Mixed colors:

Order Right Away—Start Bulbs Early!

Economy-Size Bulbs Will grow medium size leaves and compact plants, preferred by many. Special, **3 Bulbs 25c; 12 for $1.00.**

Largest Size Bulbs Same gorgeous colors; will produce more and larger leaves. For larger pots indoors and taller, larger plants in the garden or border. **3 Bulbs $1.00; 12 for $3.75.**

Easy to Grow



***Camellia-Flowered* TUBEROUS BEGONIAS**

3 FOR 25¢

Exotic Large Double Blooms, Easy to Grow

Loveliest of all summer plants to grow in shady places; will also bloom many weeks as house plants. Rich colors—*scarlet, salmon, orange, yellow, pink, white.*

Economy-Size Bulbs Fine large double blooms, mixed colors. With little care, bulbs will live for years. Special: **3 Bulbs 25c; 12 for $1.00.**

Largest Size Bulbs These produce bigger plants and largest blooms, even up to 5 or 6 in. across! Mixed colors. **3 Bulbs 95c; 12 for $3.50.**

Start Bulbs Early—Directions Included

Sent Postpaid Order Today!

All Burpee Bulbs Are Guaranteed

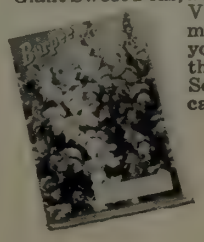
Directions Sent with Bulbs

W. Atlee Burpee Co.

334 Burpee Bldg. Philadelphia 32, Pa. OR 334 Burpee Bldg. Clinton, Iowa

Burpee Seed and Bulb Catalog FREE

See new Burpee Skyscraper Snapdragons, Luther Burbank Zinnias, Alldouble Petunias, Giant Sweet Peas, new Hybrid Vegetables, many more you'll want this year. Send a postcard, or the coupon.



Burpee Seeds Grow

W. ATLEE BURPEE CO.
334 Burpee Building { Philadelphia 32, Pa. (or) Clinton, Iowa

Send postpaid the guaranteed Burpee Bulbs ordered below:

Burpee Gladiolus Bulbs

All Colors Mixed
Economy Size (8409)
☐ 10 for 25c ☐ 45 for $1.00
Largest Size (8360)
☐ 15 for $1. ☐ 50 for $3.00

Six Beautiful Gladiolus
☐ 18 Bulbs, 3 of each for $2.10 (9837)
☐ 36 Bulbs, 6 of each for $3.45 (9838)

Burpee Fancy Leaf Caladium

Economy Size (8916)
☐ 3 for 25c ☐ 12 for $1.00

Largest Size (8915)
☐ 3 for $1.00 ☐ 12 for $3.75

Burpee Camellia-Flowered Begonias

Economy Size (8797)
☐ 3 for 25c ☐ 12 for $1.00

Largest Size (8833)
☐ 3 for 95c ☐ 12 for $3.50

Enclosed is $.....

Name .....

St. or R.D. .....

P.O. ..... *Zone* .... *State* .....

☐ **Send Burpee Seed and Bulb Catalog FREE.**



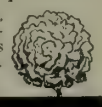
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SPECIAL FOR 1949. Giant Scabiosa, a new type of this lovely flower. Blossoms are spheres of broad-fringed petals in tones of coral, salmon, rose, blue. Packet of seed with catalog, 10c.



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Please send me a FREE copy of your beautiful catalog. Enclosed is 10c for packet of New Giant Scabiosa seed.

*Name*_____

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These FREE bulletins have shown thousands of folks from Maine to California the easy way to dress up their homes with sparkling green lawns. Learn these short cuts to a beautiful **Scotts** lawn by sending today for a free 2 year subscription to *Lawn Care*. Just drop a postcard to . . .

O M Scott & SONS CO
15 Spring St, Marysville, Ohio
also Palo Alto, California

How to wreck a tree

There are more ways to ruin a fine tree than chopping it down. Mutilating part of the root system is almost as dangerous since it deprives the tree of roots needed for support and for gathering food and water. This is what not to do:



Don't expose the roots. A grade change did this. You can't repair all the damage, but a low retaining wall filled with soil around the roots will improve the looks, while liberal feeding will strengthen the tree

Photographs: Stanley



Don't chop off "just a few" roots. Branches on the side of the tree above the mutilated roots probably will starve gradually and become easy victims of insects and fungi. The only possible treatment now is to feed the remaining roots liberally—and hope the tree escapes high winds

More clinic on page 137

Orlyt GREENHOUSE $389



Flowers throughout the winter, seedlings by the thousand to set out in your spring garden. It is easy with Orlyt. Comes in sections that go together with bolts and screws. Easy to put up anywhere, anytime. $389 buys the 10 by 11 ft. Orlyt pictured ready to go on your foundation. Other basic Orlyt models from $174. Automatic heat, ventilation, and watering available at reasonable prices. Send for fascinating booklet, No. 2.

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IRVINGTON, N. Y. DES PLAINES, ILL.

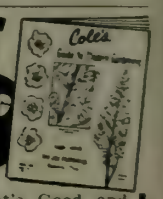
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GARDENIA $1 and start of 4 African Violets



With a lovely fragrant 10 to 15" gardenia (budded or about to bud) at only $1, we will send you "starts" from 4 of the following new varieties of African Violets "Double Dipper", "Blushing Maiden", "Orchid Beauty", "Red Head", "Royal Sun Set". You get "starts" from $8 worth hard-to-get Violets because these are all $2 varieties. These "starts" or leaves are easy to root with instructions enclosed. Do not confuse with rooted plants. Gardenia shipped with fresh rich "no-cake" potting soil. Extra potting soil for violets and other plants composed of alluvial leaf mold, sand and black loam, 3 lbs. $1. SEND NO MONEY. Pay Postman C. O. D. plus postage. Cash order shipped prepaid. Return at once for cheerful refund if not pleased. Order from OWEN NURSERY, Desk BH-11, Bloomington, Illinois. Clip this.

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Be sure to get your copy—a guide to "Everything That's Good and Hardy". Carefully written, beautifully illustrated—it contains many valuable cultural hints and special offers. You'll appreciate the wide selection—over 500 of the best varieties of flowers, Perennials, Shrubs, Berries, Roses, Fruit, and Shade Trees, Evergreens, Ornamentals. Cole's Nursery stock is guaranteed—backed by 68 years growing experience and customer satisfaction.
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GREAT LAKES-ICEBERG TYPE
Resistant to heat and sun. Medium size. Solid crisp heads. Send only 5c for big packet and New Seed & Nursery Catalog **FREE**

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CALIFORNIA *Native* FLOWERS
Very hardy . . . easy to grow anywhere

Colossal! in size . . . in color . . . in everything but price.

LARGE 35c PACKET ONLY 10c

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NUT TREES

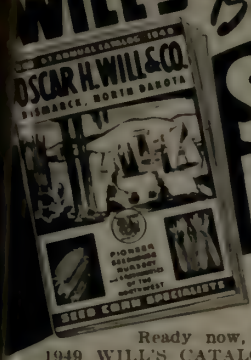
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Largest flowers, exquisitely waved and frilled, mostly four to each stem. Six finest colors: **scarlet-cerise, rose, cream-pink, lavender, blue** and **white.** **All 6 Packets** of seeds, 1 of each color (*value 95c*) **for only 25c,** postpaid. For a larger planting, **6 Half Ounces,** 1 of ea. (*value $3.*) **for $2.** *Send 25c or $2 today!* Grown on Burpee's Floradale Farms.

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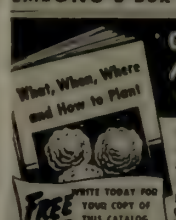
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Flowers THAT WILL BLOOM Year after Year

A glorious procession of color from spring until fall. These and a complete line of Fruit Plants, Shrubs, Roses, shown in Big, FREE Color Catalog. Write for yours today.

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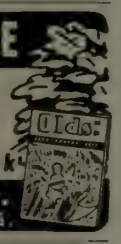
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Where to get it

[*Begins on page 129*]

Cornice, bedspread, and chair cover: Kandell.
Man's room. All bedroom furniture: Mengel.
Rugs: Libertyville Textiles.
Draperies and bedspreads: Burlington Mills.
Chair: The Hecht Co.
Pottery lamp: Haeger.
Desk lamp: Lightolier.
Clock: Telechron.
Guest sitting room. Couch: Simmons.
Carpet: James Lee Co.
Chair: The Hecht Co.
Tables: Robert Irwin.
Lamp: Lightolier.
Chair cover: John Boyle Co.
Drapery and cushion fabric: Kandell.
Felt on couch and cornice: Central Fabrics.
Chest: Robert Irwin.
Kitchen. Wallpaper: United Wallpaper.
Curtains: Hathaway.
Electric equipment: General Electric.
Linoleum in kitchen and utility room: Pabco.
All Venetian blinds and shades: Columbia Mills.
All paint: Murphy.
All rug pads: Ozite.
Heating and refrigerated air conditioning: Chrysler.

How not to worry

[*Begins on page 16*]

restricts the flow of saliva which neutralizes mouth acids that cause tooth decay. Tests also show that worry can seriously impair our vision, heighten our susceptibility to colds, and—by impairing blood circulation—make us lose our hair.

Furthermore, a group of New York Academy of Medicine scientists have discovered that worry releases a mysterious chemical into the blood which causes serious contraction of our internal organs. Small wonder that Massachusetts General Hospital studies showed 96 percent of a group of colitis sufferers to be victims of chronic worry, anxiety, and resentment. Or that 35 percent of the patients treated by a leading medical clinic were found to be suffering from ailments caused solely by worry.

THO science has long suspected what clinical findings now bear out—that worry is mankind's Enemy No. 1—their most difficult task has been to find out what actually makes worry tick. That is (1) to determine its basic cause, and (2) to provide an effective cure for it. Preliminary research into the mysterious dynamics of worry showed that it had a great deal in common with the common cold. It couldn't be effectively dealt with until its cause had been isolated. It had been clearly demonstrated that the chronic worrier could not be cured simply by giving him a psychological pill of good advice and telling him that worry was simply a vicious habit which he must break—before it broke *him*. Case histories show that these and similar methods had approximately the same effect on the worrier as giving vaccines and vitamins to the cold-sufferer. In some instances they gave the victim temporary relief, but they provided no real cure.

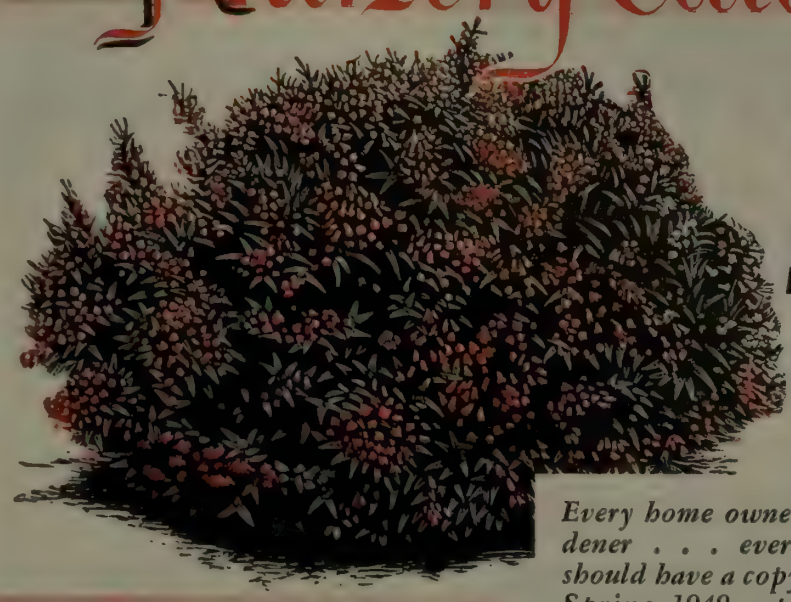
Psychologists and psychiatrists who specialize in the study of the anxiety neurosis (the technical term for pure, unadulterated

[*Turn to page 136*

Inter State

America's Largest Direct-to-You Nurseries... Hamburg, Iowa

A PRE-VIEW of America's Best-Known, Most-Used Nursery Catalog



EACH YEAR More People BUY More Plants, Bulbs, Nursery Stock FROM INTER-STATE'S CATALOG THAN ANY OTHER SINGLE SOURCE

Every home owner . . . every gar dener . . . every flower love should have a copy of Inter-State' Spring 1949 catalog—84 page packed with information and beautifu full-color illustrations. On this page w have pre-viewed just a few of mor than ONE THOUSAND items and of fers in the new 1949 Inter-State Cata log. Mail the coupon for your FRE copy . . . enclose your order for any o the items noted here and we will in clude without extra charge a Phlo plant worth 40c.

PAGE 27 IN INTER-STATE'S SPRING CATALOG

Cardinal Shrub

(PICTURED ABOVE)

12" to 18" Plants.... $1.50 — 18" to 24" Plants.... $2

Amazing new shrub, sponsored by Inter-State, grows rapidly to a shapely, rounded plant 5 to 6 ft. high, almost as wide. Completely covered with thousands of lovely trumpet-shaped, rosy-red flowers in May and June . . . continues to bloom until frost. Fast growing . . . guaranteed to flower first year. Hardy . . . will withstand temperatures of 20° below zero! Postpaid!

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PAGE 76 IN INTER-STATE'S SPRING CATALOG

5 SENSATIONAL NEW CUSHION MUMS $2.75

You'll get literally bushels of blooms from these brand new varieties! One each Crimson Queen, Yellow Queen, Purple Queen, Early Harvest (old rose), Lavender Lassie . . . all hardy, early-blooming plants . . . all except Early Harvest and Lavender Lassie now offered for the first time by Inter-State . . . the result of a lifetime of hybridization. Individual varieties 75c ea.

PAGE 83 IN INTER-STATE'S SPRING CATALOG

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Inter-State grows hundreds of thousands of Phlox . . . these 7 varieties were selected from all in our fields! All varieties are new, each the best of its color: Blue Boy, Charles Curtis (orange-red), Mary Louise (pure white), Bright Eyes (large-flowered, light pink), Pink Charm, Salmon Beauty, San Antonio (ruby-red). Each plant bloomed in our fields last summer . . . guaranteed to bloom for you. Phlox give you *more flowers* over a *longer period of time* than any other perennial! Postpaid.

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☐ Send "Color Parade" of 30 Gl bulbs for $1, postpaid.

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EASY TO OPERATE

SHAW DU-ALL and "PEPPY PAL" GARDEN TRACTORS

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These sturdy walking and riding tractors ideal for dozens of uses around the farm, orchard, garden, golf course, estate and poultry farm.

DO DOZENS OF JOBS
Shaw Du-All or Peppy-Pal tractors do many jobs quickly and easily. Plow, cultivate, harrow, mow, disk, bulldoze, spray, grind, haul and saw wood. New uses discovered every day.

BUILT FOR RUGGED WORK
Sturdy, extra-strength construction means low upkeep, long life. Patented tool control allows quick shift for crooked rows. Attachments easy to change with improved "Jiffy Hitch"

CHEAP TO OPERATE
Operates on a few cents an hour. Soon pays for itself in time and labor-saving plus low initial and operating costs.

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The diary of a

Plain dirt gardener



Our old dog, faithful for nigh unto 15 years, plain refused to go thru the snow to get the morning paper

By Harry R. O'Brien

Jan. 1 For one day in this new year, I aim to be happy. I've just been figurin' up my gross income for last year. Why bless my soul. I had taken in a bit more than the year before last. So today I go about with a smile.

I firmly vow I won't add up last year's expenses nor inventory our net family resources until tomorrow. Thus I'll have one day of happiness before I can work out from the account book the sad details of how much poorer we really are.

Might as well report right off that this year I aim to grow garden sass, along with the posies. Which is what I've been doing now for a good many years.

So on one side of the bushes there will be peonies and iris and roses and marigolds and what not growing. But on the other side there will still be the asparagus and rhubarb and strawberries and grapes and dwarf apples. If the fates are willing, in due time there will be a new strawberry bed and ample plantings of peas, spinach, beans, sweet corn, and the rest of what we like to eat.

David's news, related at the supper table, is that last Monday he ordered some new parts for our power mower. He intends to overhaul it this winter.

Jan. 5 Just between us, today was the real beginning of the New Year. I sorta slipped into high gear and began to tackle work—in spite of huge snow over all outdoors. Stopped at the grocery in late afternoon and says to Clyde, the grocer, "Do you have any old peanut butter you can sell to me as a bargain for bird feeding?"

Well sir, he had 10 jars of such that were on sale, and he made me a rare bargain to take them all. At the meat counter I renewed my supply of suet. At the hardware store I bought a new putty knife—the old one having disappeared.

Home, I brought in the suet racks. Some I filled with plain suet. Two others, which hang on twigs too small for cats to crawl on, I filled with suet on one side. With the putty knife, I filled the other sides with peanut butter.

To hang one of these racks, I have to pull down a branch of the big bush of *Aronia arbutifolia* growing against the east chimney wall.



This year I aim to grow garden sass along with the posies, just as I've been doing for a good many years

As I pulled down the frozen branch, it broke plumb off about four feet from the ground. So I had to hang the rack on a twig of President Grevy lilac at the corner of the house.

Jan. 8 Color slides of flowers were the main item at our men's rose club tonight. To me the most interesting were some shown by members who were just learning to take color pictures. It's amazing how

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VIOLET-GRO Perfect potting soil for violets, gardenias, all house plants. ⅓ leaf mold, ⅓ sand ⅓ peat moss. Does wonders for house plants. $1 for 3 lbs., postpaid; 5 lbs., $1.50; 10 lbs., $2.50. Also sent C.O.D. plus postage. **Owen Nursery, Bloomington, Ill., Desk BH-10.** Clip this.

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NO. 1: Morning Glory Blue Star. All America Winner for 1949. Delightful pale blue with deeper star. **Pkt. 25c. No. 2:** Marigold Mammoth Mum Huge chrysanthemum-like flowers 3 to 4 inches across. **Pkt. 25c. No. 3:** 19 pkgs popular vegetables for complete garden at practically half-price, **$1.00. All 3 offers for $1.25 postpaid.**
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LARGE, LUSCIOUS BERRIES IN 60 TO 90 DAYS!
New, supreme Everbearer Giant 1-1/2" diameter - Brighter, sweeter, crimson fruit SUPERFECTION, Gem, Minnesota 1166 Everbearers. Top-notch Spring-bearers — Robinson, Grand Champion, Premier, Temple Full line nursery stock Write!

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FOR QUICK RESULTS
BARGAIN PRICES. Guaranteed quality, best varieties. Also Evergreens, Shrubs, Roses. Send for **FREE Color Catalog** today.

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Reserve YOUR COPY NOW Spring Catalog . . . many were disappointed. Send postcard request for your copy NOW No obligation. Many color pages; flowers and vegetables.

Lagomarsino AMERICA'S SEED HEADQUARTERS Box 1115BP, Sacramento, Calif.

taking flower pictures in color has spread.

Harold Bach showed especially interesting pictures of his large collection of climbing roses, a good many being the more uncommon sorts. He told us that one of his best is Climbing Summer Snow—a white, of course.

At lunch today, questions as usual. One was whether tulips can still be planted. This man has some he didn't get in. I told him that if not planted, they would undoubtedly be worthless by next fall. So take a chance and see what happens. I planted some in February once in a dry sunny spot and had good bloom, come spring.

Jan. 9 Don't tell anybody, but I'm at it again. Several nursery and seed catalogs have come. And



Several nursery and seed catalogs have come in, and I have put aside my detective stories of an evening

I've been reading 'em. In fact, I have firmly put aside detective stories of an evening. It is just as thrilling to hunt for items to buy as to find out "who done it."

Jan. 23 All day long the snow fell. And more birds around than any day all winter, as our eating guests—jays, cardinals, titmice, chickadees, nuthatches, grackles, and 37,337 English sparrows—more or less. But nary a junco. I don't know why these little critters don't come around.

Evening came and the noisy sparrows departed. Then I saw a sight which sorta brought a lump into my throat. Outside our windows, at the feeders and on our shrubbery, I counted 14 cardinals having their evening meal. It was worth all the work and expense of days and days of feeding.

Jan. 25 Down to zero outdoors when I got up belatedly this Sunday morning and shivered downstairs. And met rebellion in my household.

Our old dog, who for nigh unto 15 years has faithfully brought us in the papers mornings and evenings, plain refused to go out thru that snow. He just whined and barked apology and wouldn't budge from the front steps.

So I told him to go back to his bed on the cellar stair landing. Put on four-buckle arctics, overcoat, farmer chore cap with eartabs and waded out myself for the paper.

Here's news. After weeks and weeks of watering, that amaryllis bulb of Maggie's has begun to grow. Green ribbon is coming up in center. She has been giving it a lot more water than she did at first.

The paper-white narcissus plants

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EASY TO GROW Indoors or Out

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Burpee TUBEROUS Begonias 3 For 25¢

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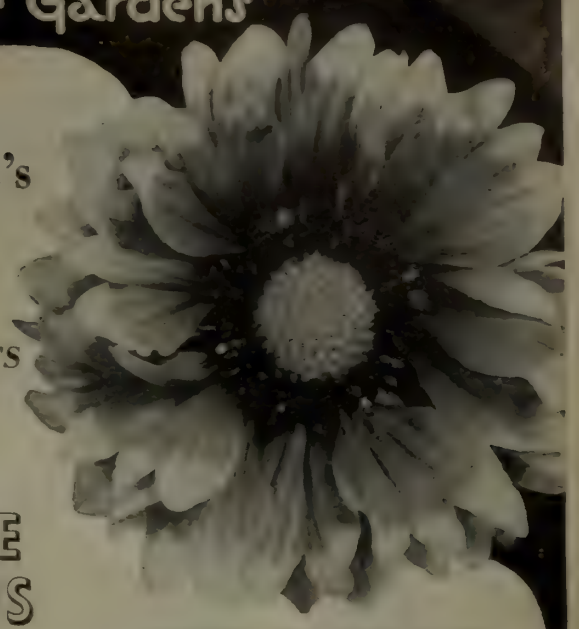
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New Giant Gaillardia *"General George Patton"*. Enormous flowers measuring 4 inches in diameter. Petals are a brilliant, dark red with fluted golden tips. Averaging 3½ feet in height, this exceptional perennial blooms all summer producing 60 or more huge flowers on a single plant. Will grow anywhere, even in poor soil.

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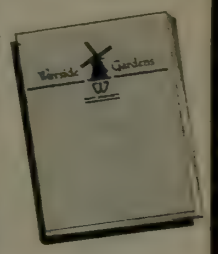
Lilac, Esther Staley. The only truly Pink Lilac. Flowers are single, moderately large and bloom in mid-season. Healthy plants with remarkable vigor. Only a few available this spring.

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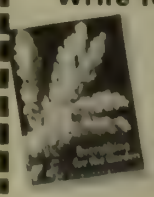


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The diary of a plain dirt gardener

[*Continued from preceding page*]

finished their blooming some days since and Maggie threw them away. After they have been forced into bloom, they are worthless, at least in this part of the country. They have rewarded us and given us our money's worth already.

Jan. 27 Furnace had been fired. Dog had obliged and brought in the paper. I settled down in my easy chair for a pre-breakfast reverie and to find out what is news. Then from the kitchen came a clarion call.

So I had to get up and go out to see. Maggie was struggling with a coffee can, one of those you open with a little dingus which rolls up a ribbon of metal as it is unpeeled. The danged thing had jammed, and Maggie couldn't make it work. Some other tool was needed—pair of pliers maybe. So I went exploring in a kitchen drawer where



My best pair of pruning shears! In the drawer Maggie has been stuffing with surplus gadgets for 20 years

Maggie has been stuffing surplus hardware and gadgets for the last 20 years. And glory be—I found it.

I mean I found my pair of best pruning shears—the large-sized ones which had been lost for about a year now. And two pairs of small pruning shears. Evidently Maggie had used them, one by one, to snip-snip roses or zinnias or something, then stuck them in that drawer. I didn't dare make a snooty remark, because last summer I lost her pair of special cutting scissors.

The moral is that all men who read should promptly search thru kitchen storage space. Goodness



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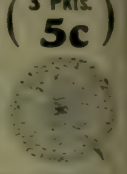
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THIS TELEVISION AGE



"... before the game begins?"

knows what long lost treasures may be discovered. It won't take S. Holmes or E. Queen to do the job, either.

Jan. 28 Old man Zero is getting to be that man who came to breakfast. Funny how he can hit the mark on the thermometer right on the beam, at exactly the time I get up.

Jan. 31 As month ends, I'm trying to catch another bad cold. Been to doctor's for more of same old reliable pills. Home again and began to enjoy said cold.

Even then, I had my troubles, for Maggie came in with the vacuum cleaner and hustled me around. Poor old P.D.G. can't even relax of a Saturday afternoon, when he has the sneezles and sniffles.

News Notes: *Don't overlook the new annuals; they'll look purty in your summer garden. Put some of these on your list:*

Calendula Pacific Golden Giant—a new strain with bigger flowers, longer straighter stems. Resists midsummer heat, too.

Aster Princess Linda—clear rose color and plumb new in the popular wilt-resistant Princess family.

Early-blooming sweetpeas—you'll like Avalon, a clear blue; Miss Santa Maria, light rose with a salmon blush; Snow Drop, a pure paper-white husky.

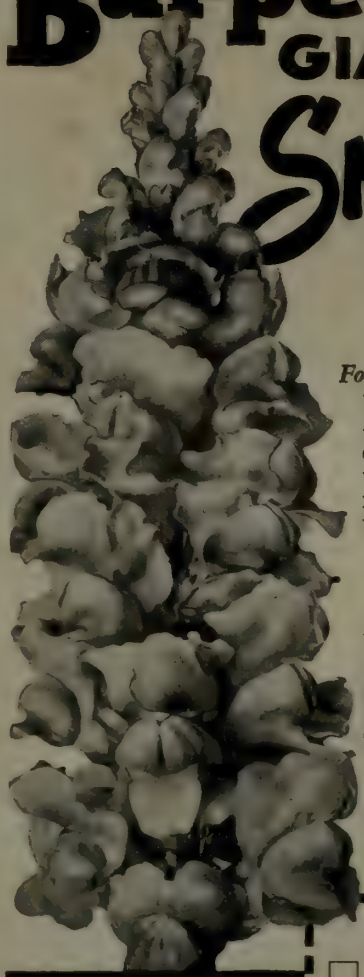
Scabiosa Oxford Blue—giant size and deeper blue than any scabiosa you've ever seen before.

Verbena bush type—Starlight, bright blue with a creamy-white eye. Bushy plants 8 to 10 inches high and a foot or more across are mighty nice in bloom.



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3 PACKETS 10¢



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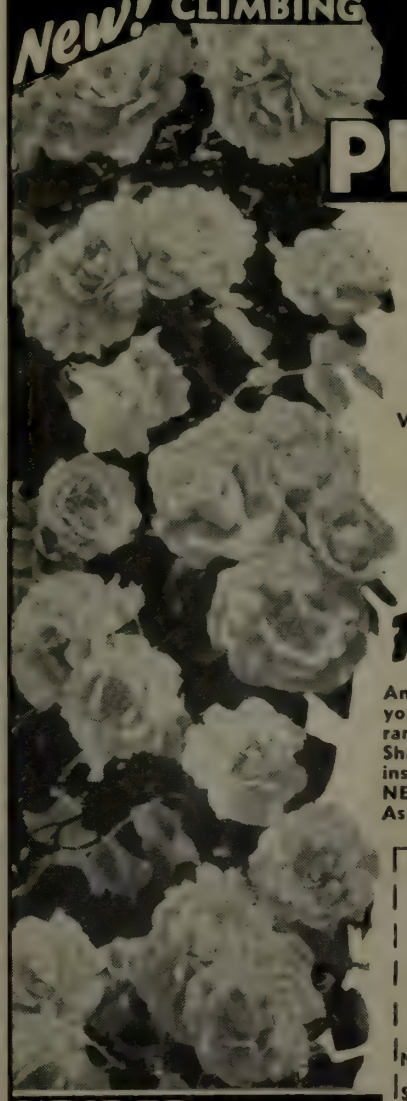
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We give you the first look

[*Begins on page 51*]

and spicily sweet. Evangeline and Dinah are two new border-type pinks, nice for edging a walk, a rock garden, or to sweeten the edge of your flower bed.

To dress up your late-summer border, there are at least three new hardy asters. The dwarf Aster Dumosus Little Red Boy, so good for a dwarf hedge, is available again. For backgrounds, look for Aster Peace—soft blue, 2-inch flowers on 3½- to 4-foot stems, and for Aster Plenty—pinkish-lavender semidouble flowers, 2 inches across and produced in prodigal quantities.

Three new and superior garden chrysanthemums are Tribute—a deep but mellow coral red; Loveliness—a large-flowered double pink; and Governor Duff—a bright orange-bronze pompon.

All of these perennials from the anthemis to the chrysanthemums are sold only as plants and do best when set in the spring. Give them spots where they will get sun fully half the day.

A pink lilac. If you've been wanting a true pink lilac, your search is over if you can get a plant of the new Lilac Esther Staley. This is a charming companion for last season's spectacular introduction, the blue Lilac Clarke's Giant.

Allow fully 7 feet between lilacs and remember they do best when they have full sun, a limey soil, and a great deal of water up to and thru their blooming season.

For your rose bed. Besides those pictured, do consider the handsome hybrid teas—California Centennial, a new and special red rose with thick petals and glossy foliage, and Sleigh Bells. This is as lovely as it sounds, a fine new white with a high ivory-tinted center and foliage far better than average.

Ask for size No. 1 plants and set them as early as possible in a sunny spot.

Among the new annuals. By no means should you overlook the new annual Hollyhock Indian Summer. It will give you real spikes of real hollyhock flowers this very summer.

Ipomea Blue Mound is the formal name of the new blue morning-glory that has flowers just like the favorite Heavenly Blue, but on short stems that never try to roam.

The new Petticoat four-o'clocks all wear extra ruffles, and in the giant-flowered annual phlox family there's a newcomer—Mellow Moon. It has delightfully soft, yellow florets, some as much as 1½ inches across.

And, to end on high C, the brilliant Sweetpea Margaret O'Brien is quite the liveliest orange-colored garden sweetpea you can buy. It's a color that stands up and yodels.

Start the seeds of all these annual flowers early; you'll get more and better flowers.



New Morning Glory, Blue Star

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. . . are produced on these New Morning Glory Vines. The glorious sky blue color of the large flowers is intensified by the five deeper blue midribs which form a star. An *All America winner for 1949!* Find a place in your garden for it this year.

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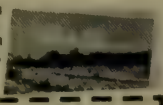
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How not to worry

[*Continued from page 131*]

worry) realized that no psychological vaccine could be developed until the worry virus had been isolated. They must, in effect, put worry under the most powerful clinical microscopes, completely dissect it, and find out what lay at the center of its stubborn core.

CASE histories of chronic worriers were gone over with fine-toothed combs. Victims were subjected to exhaustive psychological tests—and the findings carefully tabulated and analyzed.

A consensus of these studies showed that the real cause of worry lies not in the things we worry about, but in a lack of an inner sense of security. In every instance, case histories showed that the more well developed a person's sense of security is, the less he is disposed to worry—and vice versa. Psychologists have yet to find a non-worrier who didn't have a strong inner security sense; but with confirmed worriers this quality was found to be invariably lacking. It was also found that a person who lacks this inner confidence, transfers his attitude to outside things. Just as he lacks confidence in himself, he lacks confidence in the outcome of situations—and consequently he worries about them.

YOU can't cure a disease by treating only its symptoms. And worry is purely a symptom—an *expression* of the insecurity sense. For a person suffering from a lack of inner confidence to admit consciously the fact would be ego deflating, so he seeks to rationalize it by shifting the blame for his anxiety feelings to *things outside himself*. He chooses the most convenient and most socially acceptable scapegoats, such as anxiety over money matters, fear of failure in undertakings. If the person who feels inwardly insecure happens to have been born with a silver spoon in his mouth--and has everything—he'll simply *invent* things to worry about. For a sense of insecurity produces such terrific emotional tensions within the personality that it demands a con-

Changing grade around a tree

I'm building a new house and wonder if tree wells really are necessary. n only going to change the grade of my lot a couple of feet. I'd like to oid the cost, but I don't want to take any chances on injuring my trees.
W. F., Rhode Island.



Trees Magazine

Few trees can stand having the soil level changed faster than three inches a year. If you must make the two-foot change at one time, you should use a tree well and a root-aerating system made like that shown above. You can use a grill to cover the opening between the wall and the tree. The ring of tile circling the tree should be at the drip line of the longest branches.

More clinic on next page

How not to worry

[*Continued from preceding page*]

tinual worry outlet of *some* sort.

Obviously, the only way to cure a worrier is to remove the underlying cause—the worry virus—or inner lack of security. Your first step, if you are a worrier, is to admit candidly to yourself that your condition is *not* caused by the things you worry about; but that it stems from the fact that deep inside yourself you feel bewilderingly lost and totally insecure. You must realize also that as long as that condition exists, it's impossible for you to stop worrying continually about one thing or another. For the turbulence caused by your inner anxiety cannot be bottled up. It must have an outlet; it must seek expression thru the worry processes.

As soon as you've accepted this fact, you're ready for the next step: developing an adequate inner sense of security.

FIRST, however, you should understand *why* you feel basically insecure. Psychologists agree that the insecurity complex results from thinking too much *without putting the thoughts into action.* Innermost thoughts, wishes, and desires—unless powered by action and given concrete expression—become automatically frustrated. If this occurs consistently, you soon come to doubt that your aims and goals will ever be translated into action and made realities. Finally you lose confidence entirely, and begin to feel a deep and basic insecurity. You are much like the driver of a powerful car who races the motor continually, without putting the car in gear. If the car had feelings and sensibilities it would react exactly as you do. It would soon develop feelings of self-doubt and inadequacy. Tho the roar of its racing motor made a reassuring sound, the consistent failure of the driver to put the car in gear—to translate its power into action—would soon make the automobile seriously doubt that it could compete with other cars in speed and performance. Faced suddenly with a steep hill, the car would certainly lack confidence in its ability to climb it.

When you dream of accomplishment but don't take steps to translate those dreams into *action*, you commit the cruelest kind of self-frustration. The result is corroding self-doubt, which saps your inner confidence. Repeatedly thwarted and denied its natural expression, the inner self writhes in bewildered defeat and anguish. The ensuing conflict is that of a personality divided against itself. Fear, frustration, and anxiety are commingled

[*Turn to page 139*

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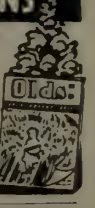
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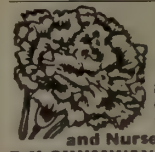


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Coldframes and shrubs

Q Monthly directions in the garden guide often say, "Ventilate your coldframe." What's the best temperature to try to keep?—I.B.D., Virginia.

Photograph: Richard W. Hufnagle



▶ Sixty degrees inside is the hottest you can trust in a closed coldframe. Sunny days in the low 30's can shoot the inside temperature to this point before noon. Ventilate plants by propping up the sash on the side away from the direction of the wind.

Q What's a good shrub to plant at my doorway (photograph attached)?—G.C.H., Iowa.

Stanley



▶ Spreading Japanese yew would be effective, as above. You can buy an old plant, or put several young ones a few feet apart to grow into a clump. If you have a wall like this, try Boston ivy on it next spring. ***More clinic on page 141***



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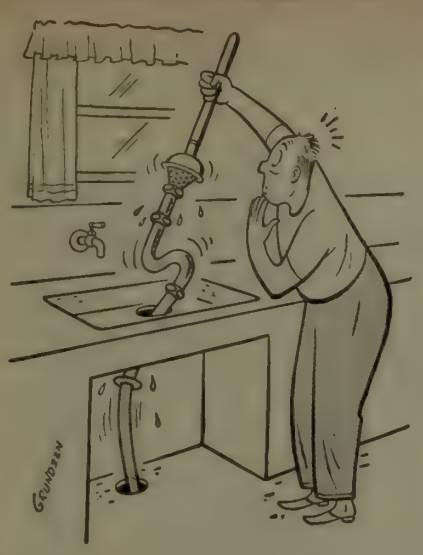
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How not to worry

[*Continued from page 137*]

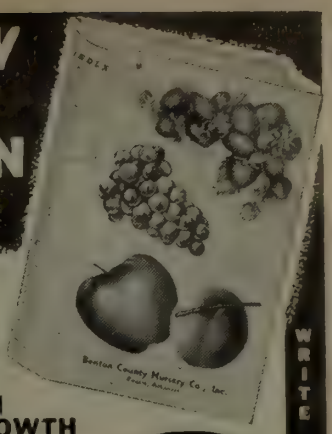
with feelings of morbid guilt and self-distrust. Under these conditions the individual's sense of security—which must have its roots in inner peace—can't help withering and dying on the vine.

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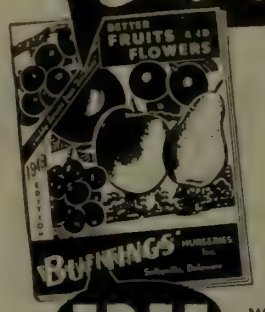
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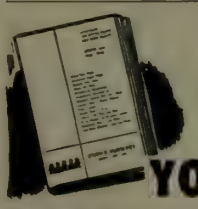
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Desk-table-cabinet

[*Continued from page 23*]

on your tastes and the kind of room in which you're using the piece.

For a natural effect, use clear lacquer, shellac, or clear synthetic resin. Both pine and plywood will take paint nicely; colorful enamels will give an attractive finish. The dealer who sells you the paint will have folders telling you how to use it most effectively.

One attractive treatment is to use artificial leather on the top of the base cupboard and on the inside of the door on the upper section. This makes a durable and handsome desk top.

Hanging the cabinet

Hang the upper section on a wall, fastening it to the studding of of the house by using about nine screws, 2½ inches or so in length, driven thru the back and into the studs. The trick is to locate the studs behind the plaster of the wall. They are vertical 2x4's, with their centers 16 inches apart.

You find them by tapping the wall lightly with a hammer until you find a spot that sounds solid. Verify the position of the stud by drilling a very small hole. If you are wrong, the drill will tell you so by turning easily after it is thru the plaster and lath. The small hole won't do any harm. The other two studs you'll use are 16 inches to the right and to the left of the first one. Make sure of them the same way.

Put the base cupboard against the wall under the chosen studs, and lay a piece of ¾-inch board on it, so there will be some clearance when you have fastened the upper section to the wall.

Now stand the wall section on the loose board, measure carefully the positions on the back for fastening into the studs, drill the holes and countersink them, and set the screws. Remove the board, and the job is done.

Some variations

You don't have to follow these instructions to the letter. You can make changes to fit special conditions, tastes, or materials—and that's half the fun. You can make the whole thing wider, or the upper section taller, for more desk space.

If you have the skill and the tools, the lower piece could be made with drawers instead of doors. One of them could be file-folder size. You can mount a portable typewriter on the desk top, so it folds into the wall.

For a de luxe desk or dining table, you might mount a fluorescent light fixture on the underside of the lowest shelf. One of the shelves could easily become a set of pigeonholes for compact storage of stationery and envelopes.

When used to convert a kitchen corner into a dinette, this piece will provide storage space for dishes. The upper section can be used for glasses, saucers, and small plates, with hooks for cups on undersides of shelves. Plates, platters, and large bowls and pans will fit into the base cupboard.

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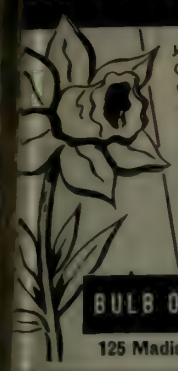
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Garden clinic *Continued from page 138*



Q What do the nursery catalogs mean by B&B? P. G. H., Oregon.

B&B means balled and burlapped, as above. All evergreens must be treated this way when they are moved. Other trees and shrubs need this care if they are moved when they are in leaf.

Photographs: Stanley



Q My new house won't be done early enough to get the ground graded and seeded until early spring. What's the best thing to do to keep the soil from washing onto the paths? M. B. N., Wisconsin.

Seed the lawn as soon as possible, but put strips of sod along all paths. This will keep the soil on the lawn. Seedling grass develops best during cool, damp weather so it can be sown even when ground is still frozen.

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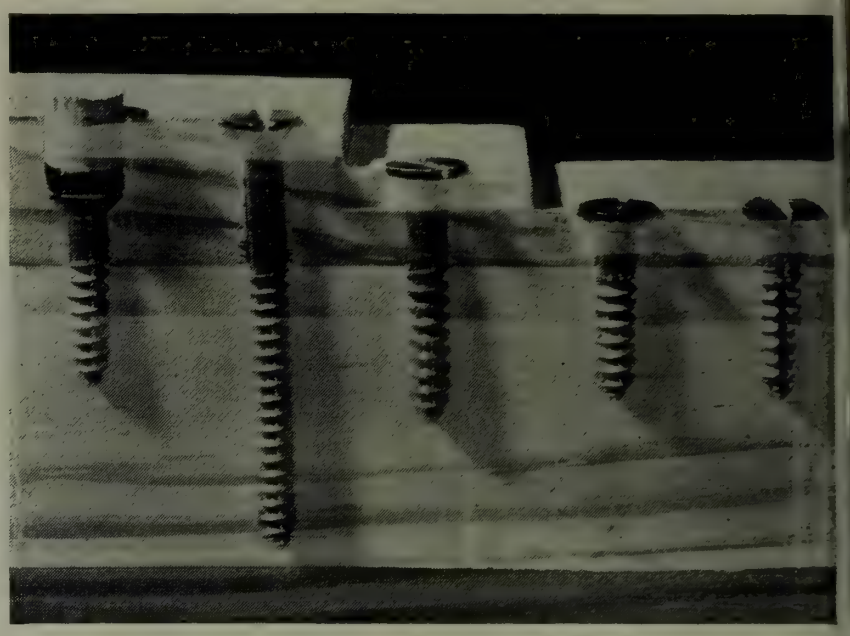
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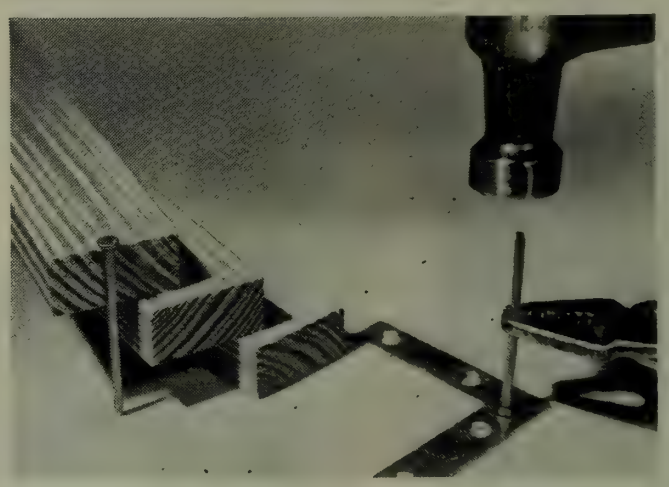


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How to fasten



What size screws should you use? The length of the screws you'll need depends on the thickness of the bottom board and the strength needed in the joint. Be sure to select screws with an unthreaded shank just long enough to reach thru top board. With flat-head screws, drill countersink holes so heads will be flush. The screw at left will be concealed beneath the wood plug, glued and sanded smooth. The screw at right has a groove filed in threads, a trick to make screws enter hardwood easily



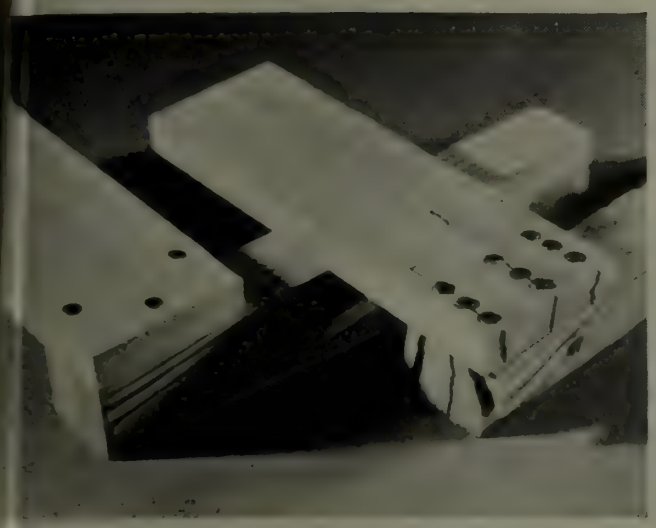
What size nails should you use? Nails must be long enough to hold, but not so long they split the wood. A good rule: Use nails three times as long as the board being nailed is thick (left). Blunting the nail point (right) reduces the danger of splitting. Nail lengths run from 1 inch (2d) to 4 inches (20d)



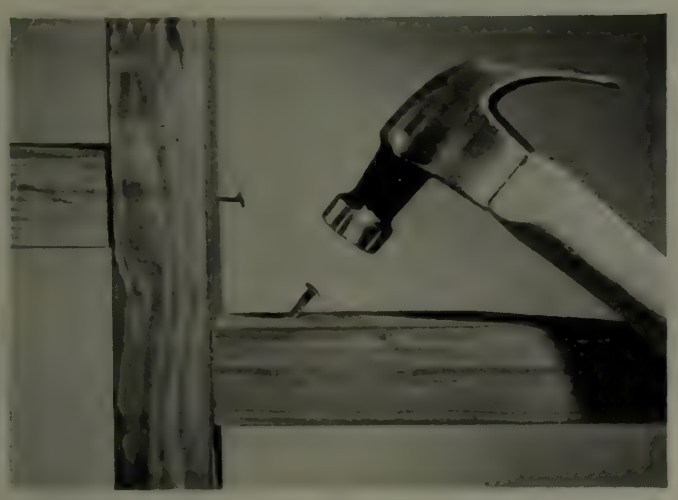
To avoid splitting. With most woods, you can reduce the danger of splitting by staggering the nails, as shown in the picture above. Driving the nails in at an angle will give you a much stronger joint than straight nailing whenever you fasten two flat surfaces together. Some kinds of wood, such as maple and chestnut, split easily unless you drill pilot holes for nails

wo boards together

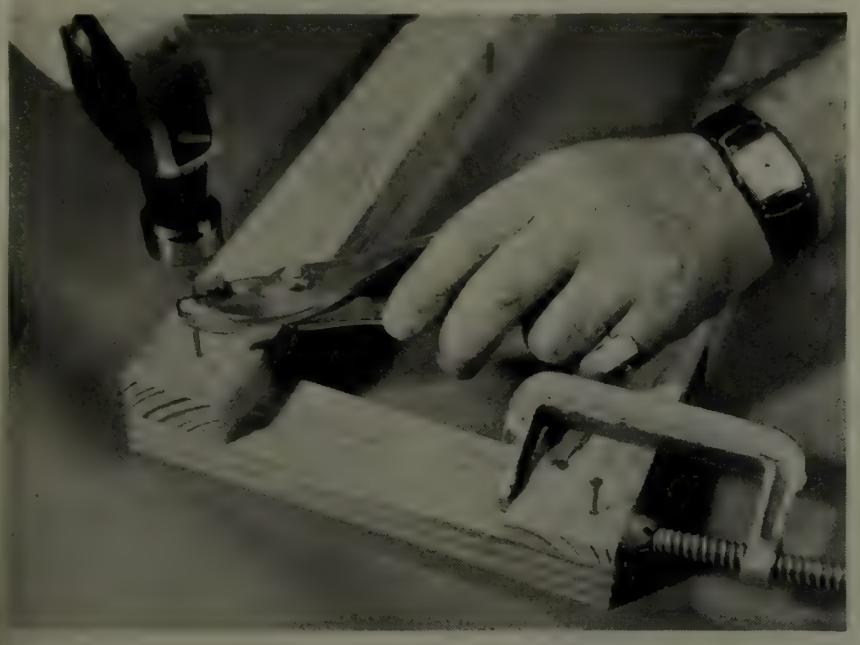
Begins on page 94



Use nails sparingly. A few nails, properly spaced and staggered as shown at the left, will give you a strong, neat joint. The effect of using too many nails (right), in an amateurish effort to strengthen the joint, shouldn't happen to any man



Angle nailing is good. Whenever you find it possible, drive nails on a slant for greater strength. Here, the joint to the right is almost twice as strong as the one to the left, where the nail is driven straight into weak end-grain. With care, long screws can be driven into end-grain to serve as dowels



To straighten a bent nail. If a nail bends as you drive it into hardwood, straighten it with your pliers. Then hold the straightened part with the pliers as you continue driving. When you drive a nail into a narrow or thin piece of wood (right) or near the end of a larger board, you can reduce the danger of splitting by holding sides with a C-clamp

More on next page



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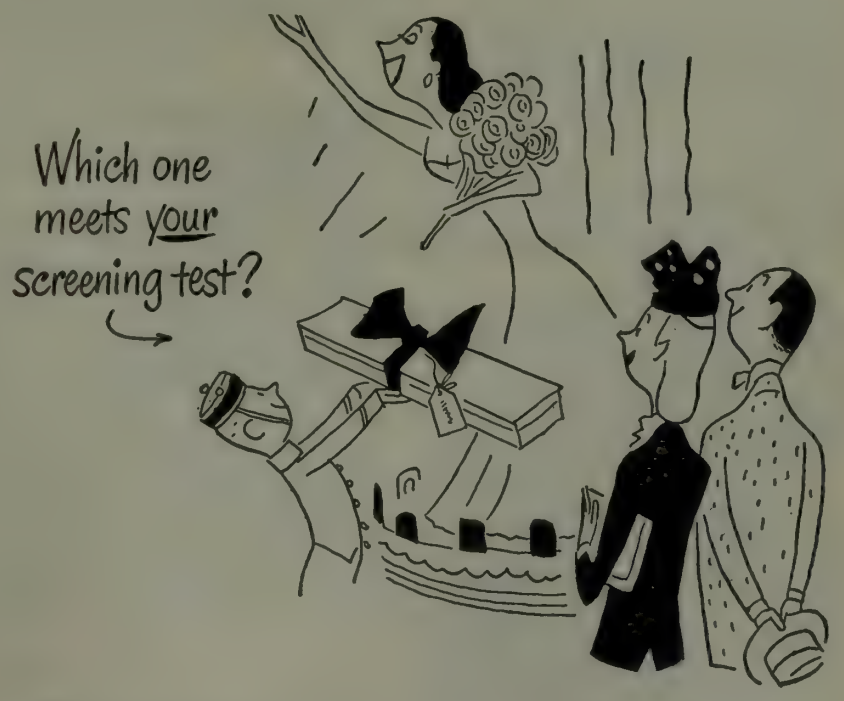
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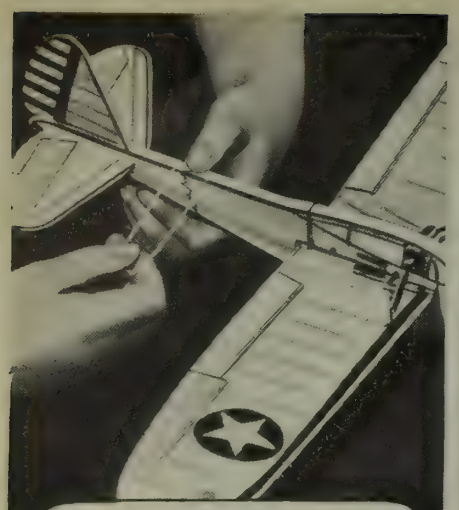
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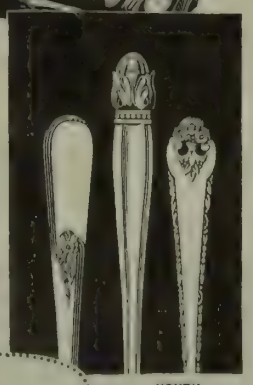
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How to fasten two boards together

Continued from preceding page



The clinch nails. For comparative smoothness, clinch nails with the grain of the wood (top). But if you want maximum strength, clinch them across the grain (bottom). In both cases, be sure the points are buried. Special clinching nails with tapered points are available



In tight quarters. You can start a nail in an inaccessible place, as in an overhead rafter, by holding the nail head against the cheek of your hammer and tapping lightly. Similarly, the nail can be held between first and second fingers instead of between finger and thumb



How to remove hammer tracks. If you mar a finished surface as you hammer, sometimes you can raise the grain of the wood back into place. Try covering the area with several sheets of damp wrapping paper and pressing with a hot iron



How to use a nail set. To keep from marring wood with your hammer, a nail set is invaluable. Use it to finish driving nails, and to set heads of finishing nails beneath the wood's surface. To position the nail set, rest your little finger against the side of the nail head. When a nail set is being used frequently, it is convenient to tie it to a cord looped around your wrist

More on next page

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How to steer a nail. Throw away old, bent nails; when straightened they lose much of their holding power. But occasionally a bent nail is best for a job—for butt-nailing, for some kinds of toenailing. Bend the nail near point by placing point between hammer claws and pulling sideways (top). You can then steer it in the right direction as indicated by cutaway sections. Or file the point to a long bevel so the nail will be deflected



o control rust. Unless they are brass, screws used in outdoor ork may be attacked by rust. o protect them, dip them in a ick paste made by stirring owdered graphite in linseed il. Mix only enough for imediate use; it will thicken like aint when left exposed to air



Invisible nailing. It is not difficult to conceal a nail completely if you buy a curved woodworker's chisel. Use the chisel (1) to raise a chip of wood where the nail will be placed. Drive the nail (2) and set it below the surface of the cut. Apply a drop of glue and press the chip back into place (3). When the glue is dry, a light sanding before the finish is applied will make the chip invisible

The handy man

Electrified ironing board

To ease the job of ironing, install an electrical outlet in the ironing board. Between wall outlet and ironing board, use a cord similar to an extension cord, but with the "plug-into" end screwed tight to the top of the board. The cord to the iron can then be plugged in at the board, giving much more freedom to the iron.—*R. Allen Pelton, Pasadena.*

To paint putty

When you replace a broken pane, paint putty as soon as possible to keep it from drying too hard and cracking. Dust a coating of lamp black onto the putty first. It absorbs the oil in the putty and forms a good glazed surface that takes paint easily.—*Dick Hutchinson, Alhambra, California.*

Warm it up

You can cut and handle linoleum more easily if you warm it in the sun for a few hours before laying.—*Helen D. Kramer, R.N., Baltimore.*

Miniature clamps

Dont let your wife throw away old screw-type earrings. They are ideal as C-clamps for gluing tiny pieces, as in model airplanes.—*Rita M. Bodenstab, Medford, Oregon.*

I spy

Paint lawn sprinklers and nozzles a bright red. They are easy to find in the grass.—*Ethel L. Helander, Tacoma.*

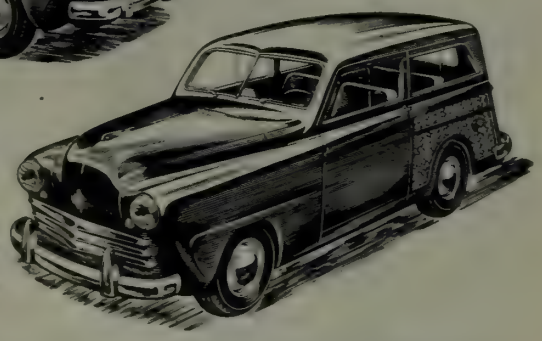
[*See page 11 also*

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Dull morning look...

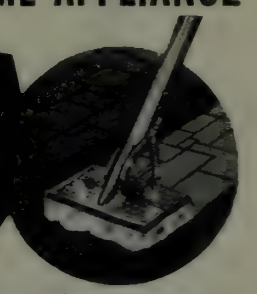


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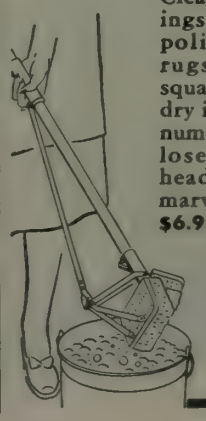
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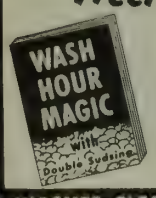


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The Nation's Cheese Treat from Wisconsin's Dairyland

Win a prize with your best recipe

RECIPE contest this month asks for tomato recipes or ice creams and sherbets. If yours is the best recipe, you will earn $10 and Cook-of-the-Month honors. And there are 20 additional prizes of $3 each.

Tomato recipes include salads, main dishes, appetizers, canned tomato specials—anything extra good made from *fresh* tomatoes. Is your tomato-canning triumph tomato relish, green-tomato pickles, chili sauce, tomato butter, or catsup? For appetizer, do you serve bacon and tomato canapés or tomato-juice cocktail? For part of your main course, do you scallop, stuff, fry, or grill tomatoes? Or serve a surprise vegetable combination like tomatoes with eggplant or squash?

What's your favorite tomato salad? It may be a tossed salad, a stackup, or a gelatine aspic. Write down the makings of your salad and the dressing you serve with it.

Ice creams and sherbets are also wanted for August's cool eating. You may make them in the refrigerator or in a hand-turned freezer. They may be any flavor from vanilla to peppermint. You may fold in chocolate chips, grated lemon peel, mashed bananas or peaches, crushed berries or pineapple. Just write down your most delicious ice cream or sherbet recipe according to the rules below.

And remember, the winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement, and *six copies of the endorsed recipe*.

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it "August Tomato Recipes" or "August Ice Creams and Sherbets."
2. Give measurements in *level* cups, tablespoons, and teaspoons, never in heaping or scant measurements.
3. Be sure to specify in your recipe the brand names of the *nationally* known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.
4. Include 50 to 100 words about the history or origin of your recipe.
5. All recipes submitted become the property of *Better Homes & Gardens*.
6. Entries must be postmarked by midnight, January 31.
7. Address the recipes you enter to 5401 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines 3, Iowa.

This month's winners

Cook-of-the-Month is Mrs. William F. Goetter of Liverpool, New York. Her Chess Tarts are rich raisin-filled desserts for January dinners and January hearty appetites.

Date-Nut Dessert, another extra-special dish, was sent by Jackie Marshall. Only 17 years old, Jackie says cooking is her hobby.

Prunes are transformed to a glamour dessert in Mrs. Workman's Prune Spice Cake. Tender and spicy, it's served with a whipped cream topper.

A new version of an old favorite is Mrs. Somer's Apricot-Marshmallow Betty. It's flavored with lemon and topped with crunchy toast cubes.

Baked-beans winner is Mrs. Neyland Hester's Pork 'n' Bean Bake. The tomato-molasses sauce is delightfully flavored with brown sugar, spices, and onion.

Mrs. Ted Boye won a prize for her Kidney Bean Rarebit. It's quick to make, has a cheese sauce that is pepped up with catsup and Worcestershire.

For 20-Minute Baked Limas try Mrs. Boileau's recipe on page 73 and see how she achieves distinction with a cheese-flavored mushroom sauce.

Like old-fashioned long-baked Boston Brown Beans with a rich caramel color and molasses flavor? Then you'll be delighted with Mrs. Hutchins' streamlined version, made in a pressure saucepan.

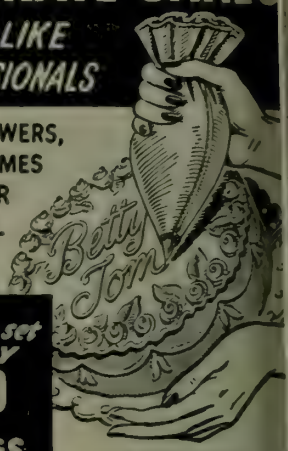
The names of the 20 contenders for first place appear below. The eight best recipes are pictured on pages 73 and 74.

Honor Roll

Mrs. Howard Adams, Baltimore.
Mrs. Mae E. Adgate, Bellerose, Long Island, New York.
Mrs. Art Anderson, Bovey, Minnesota.
Mrs. O. R. Anderson, Erie, Pennsylvania.
Mrs. Anna Beyer, Redding, California.
Mrs. Burdette Boileau, San Marino, California.
Mrs. Ted Boye, St. Paul.
Mrs. Cleve Butler, Vandalia, Missouri.
Mrs. Daniel Constant, Fort Worth.
Mrs. Bernice DeMuth, Bryan, Ohio.
Mrs. Walter T. Dorsey, Cortland, New York.
Ethel Heiple, Auburn, California.
Mrs. Neyland Hester, Brentwood, Tennessee.
Mrs. Gelia E. Hutchins, Strong, Maine.
Theresa M. Lessmeister, Peru, Illinois.
Marillynn Mark, Chicago.
Jackie Marshall, Reno.
Mrs. Mary Newman, Columbus, Ohio.
Mrs. Nels Somers, Kansas City, Missouri.
Mrs. Robert Workman, Danville, Ohio.

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One morning, a man traveling on a fast express to Chicago, walked into the diner for breakfast.

He promptly ordered Grape-Nuts Wheat-Meal, his favorite hot cereal.

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LEAVES SMOOTH SAFE EDGE

Leftovers can save food and money

FOOD saving means dollar saving these days. So if your food budget is looking forlorn, make second-day meat, vegetables, or cereals work for you. Check the table below. When you have these leftovers, here is what to do with them:

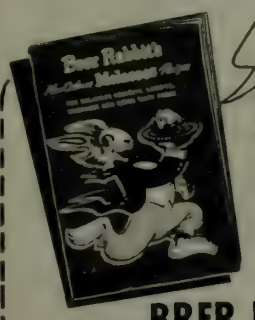
Leftover	How to use
Cooked cereal	Pour into a glass rinsed with water. Chill. Tip cereal out of glass. Slice and fry—crisp rings for lunch or, with syrup, for tomorrow's breakfast. Or mix cereal with leftover meat and seasoning and mold into old-fashioned scrapple.
Sandwiches	Spread outside of sandwiches with soft butter or fortified margarine. Brown in a skillet or griddle until hot and crusty.
Canned vegetable liquor	Save liquids from canned or home-canned vegetables. Try mixing them with tomato juice. Or add them to condensed soups. When you serve canned peas or beans, drain off liquor and simmer it to reduce amount one-half. Add vegetable, heat, season, and serve.
Cake	Pin bread slices to cut ends of cake with toothpicks. This keeps cake fresh longer.
Meat, vegetables	Chop leftover meat or vegetables. Add to scrambled eggs for a tasty luncheon dish.
Cheese	Grate pieces of cheese that grow hard before you get around to using them. Store in jelly dish. Use in vegetable salads, soups, or casseroles.
Canned fruit	To vanilla cornstarch pudding, add leftover canned fruit. Use fruit syrup for part of the milk. When pudding is thick, cool slightly. Add fruit. Canned cherries give the pudding a dainty pink color. Add a lift to a gelatine salad or dessert with leftover canned fruit and syrup.
Egg yolks	Sieve onto spinach and creamed vegetables. Use for making French toast or in the filling of a cream pie.
Baked beans	Make into sandwich filling. Mash beans, add a little catsup, onions, chopped celery, pickle or whatever seasoning you wish.
Semi-dry bread	Cube for crispy toppings on scalloped dishes, for bread puddings, or croutons for the soup. Use the slices whole for French toast, to top with gravy and a bit of meat, fry for sandwich. Food chopper grinds dry bread for crumbs—tie a paper sack over the end to catch them quickly and neatly.
Biscuits and muffins	Split, butter, and toast in oven. Or sprinkle muffins with sugar and cinnamon, and toast. Serve creamed meats or vegetables on toasted biscuits.

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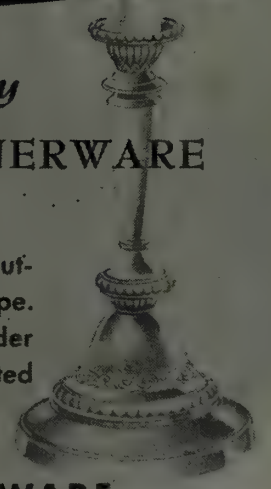
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Your dog and mi

Photograph: Marion



This is the only answer when there isn't room enough at the dinner ta

By Russell K. Lowry

I have a beautiful female English Setter puppy, but we are undecided about raising puppies later on. Are they much bother? Can an amateur raise a healthy litter?—J. F. Z., Maryland.

English Setter mothers have between 6 and 10 puppies in an average litter. With only eight places at the table, big litters may call for bottle feeding of a formula (as you'd care for a baby). Unless you help her out, too many pups penalize the entire litter and put a handicap on the good condition of the mother. Aside from this one problem, an amateur can raise a fine, healthy litter—just as easily as the professional breeder can.

The neighbors have complained about our dog roaming about, and we have tied his leash to a stretched wire clothesline so that it slides along and gives him lots of exercising room. Will this make him vicious? He refuses to eat and perform his evacuations.—Mrs. W. H. C., Pennsylvania.

Tying up the dog is the right thing to do. It won't make him mean or vicious, unless he's teased and taunted by strangers. He'll eat and perform his duties all right when he sees you mean business. Don't let him bully you by his sit-down strike.

When we lost our 16-year-old dog recently, we were happy that the good care we had given him help him live so many years. But friend pooh-poohed it as being no ing out of the ordinary. What is t average life span of dogs?—M. F. C. P., Vermont.

You did exceptionally well. A erage life of a dog is 10 years (or seventh the average life span of human). Good care and feedi can stretch this, naturally. O animal in North Carolina lived 26 years, but this was phenomen

My dog died after a veterinari gave him antimony to rid him heartworms. I have another dog th is only lightly infested. Would y advise the same treatment, or there another remedy? Also, ca humans get heartworms?—G.T Louisiana.

You are in the midst of hear worm territory extending thru th Gulf states and the South Atlanti areas. Heartworm larva is tran mitted by mosquitoes. Put you dogs behind screens in the earl morning and evening. The onl treatment known is the antimon compound (fouadin) with a cours

---

▶ Have you a problem in dog feed ing, care, training, disease preven tion? Address your questions t Russell K. Lowry, "Your Dog an Mine" Editor, *Better Homes & Gar dens*, Des Moines 3, Iowa. Enclose stamped, addressed envelope.



EPS your dog off furni-
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editorial index

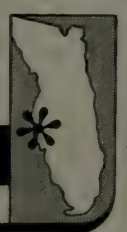
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of injections covering several weeks. The drug is very potent, but your veterinarian probably figured your pet's condition incurable since a heavy heartworm infestation is considered fatal. I'd advise the same treatment for your other dog. If you act quickly, chances are you can save him. Apparently humans are entirely immune from invasion by heartworms.

At what age do female dogs mature? We don't want puppies. Is it necessary to put our dog in a kennel during her season?—G. M. Mc., Michigan.

Small breeds mature at one year or sooner. A dachshund recently bore a litter after being mated at the age of 4 months, 11 days (tho this is extraordinary). Large breeds mature more slowly, sometimes taking two years. Actually, there is no such thing as a definite maturing date for dogs. It's not necessary to send your female away for best protection. Keep her at home. Exercise her on a leash and be vigilant. Male Romeos are easily driven off by a harsh command or a threatening gesture.

The Month

Pale January lay
In its cradle day by day
Dead or living, hard to say.

—Alfred Austin: Primroses

Tell *Better Homes & Gardens* readers about your project

WHAT are you doing these weekends and evenings? Many *Better Homes & Gardens* readers are adding extra rooms to their houses, remodeling kitchens and garages, putting up porches or laying terraces. They have found out they can have better homes for less money by doing this work themselves. Are you one of them? If so, tell us about it.

Better Homes & Gardens will pay regular editorial rates for manuscripts accepted. But we do want photographs—before and after shots (from the same angle) of remodelings, action pictures of new construction—and an estimate of how much money you are saving by doing the work yourself.

Your project needn't be a big one: Our readers are interested in finishing attics, as well as building new houses. Dig out your family album. You may have a picture story in it!

Send your letter to Building Editor, *Better Homes & Gardens*, Meredith Building, Des Moines 3, Iowa.

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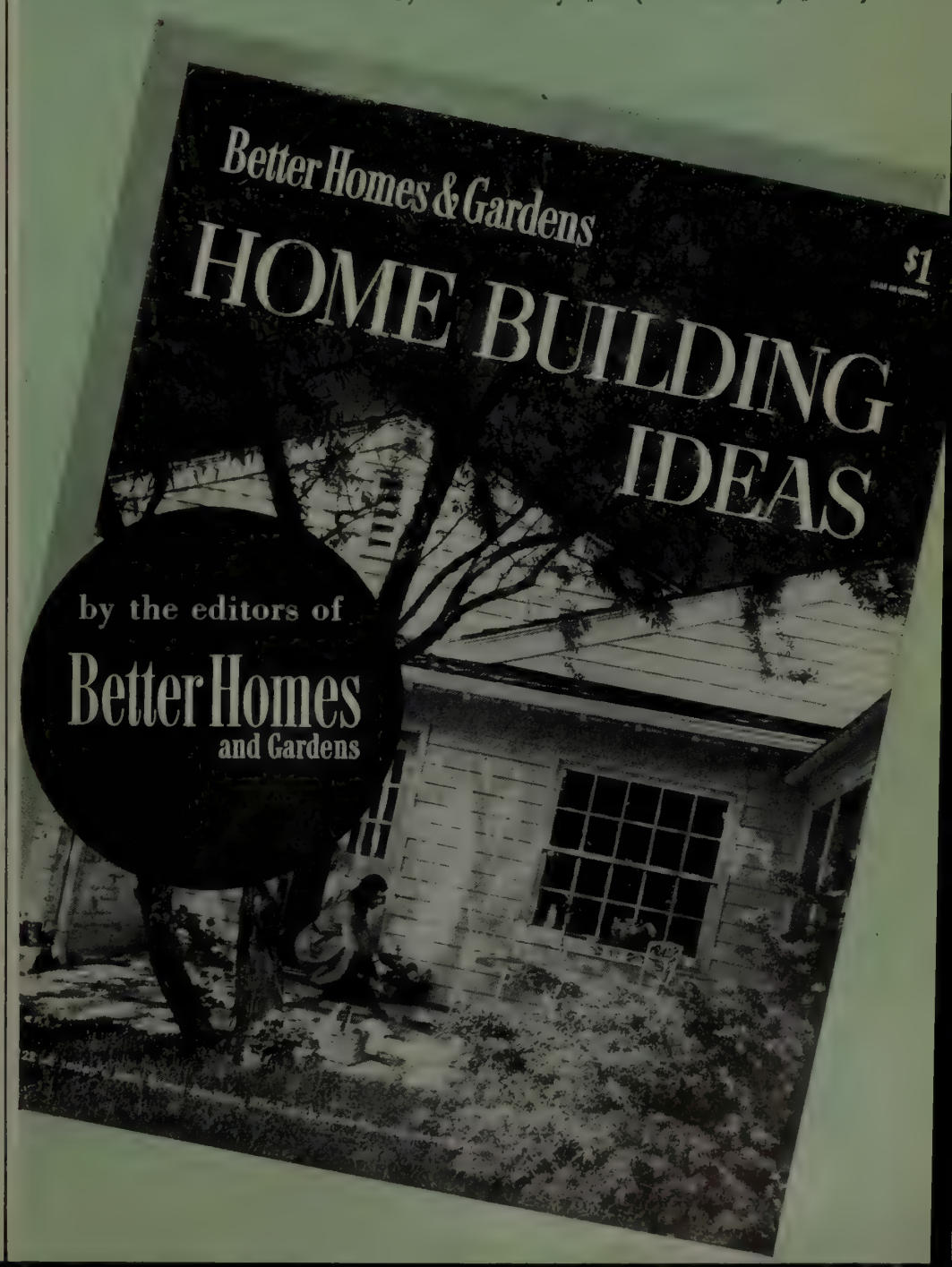
more complete

Building Book

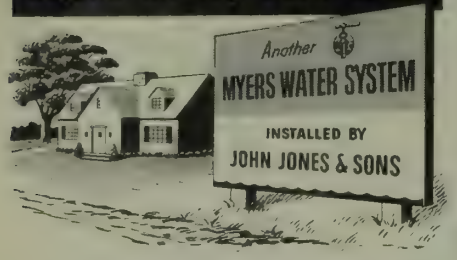
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Building costs

Begins on page 37

How long before building costs drop substantially?

No immediate sharp drop is in sight, barring a major depression. The price trend in building materials is stable or up; building labor is expecting wages at present levels or above. Without sharp wage reductions, there can be no corresponding drop in costs. (Wenzlick believes there will be a substantial drop within four or five years, however.)

What advice would you give a potential home buyer or builder?

A home isn't an investment: Your own needs, desires, and means will, in the final analysis, determine whether you will build or buy a new house, or remodel your present one. But if you buy or build, make sure the payments are within your capabilities. One rule of thumb is that the price you pay shouldn't exceed 2½ times your stabilized annual income: in other words, if you earn $5,000 and expect to continue to make that much, your top limit should be $12,500.

Another formula is to total all your payments (amortization, taxes, insurance, etc.), plus an adequate reserve for maintenance. Be sure you can keep up those payments despite a cut in income. Make a down payment large enough so a drop in the market won't leave you owing more than the house will sell for.

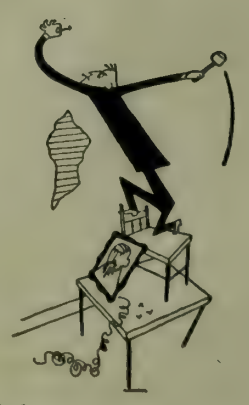
If you can meet those requirements, go ahead and build. The satisfaction your family will have the additional four or five years in a home tailored to its needs may well outweigh the risk of a shrinkage in value. Giving your children a proper start in life and getting more out of life yourself can't be measured in dollars.

Will an old house be a good or a bad buy in 1949?

Old houses can give you space, livability, and location in an established community, tho they may need streamlining and modern equipment. Despite many spotty exceptions, old houses will cost less to buy in 1949 than they did in 1948. They may cost even less in 1950 and 1951. The individual house will provide much of the

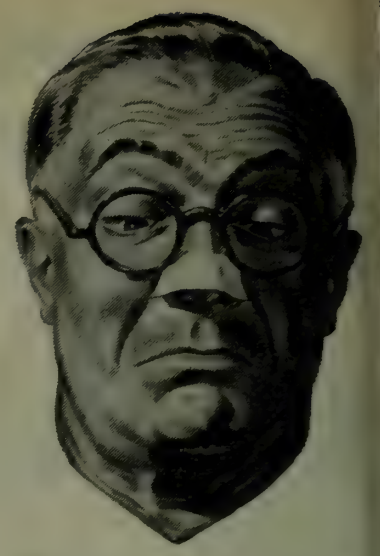
Hang that picture

What's this, dear, a picture
to hang on the wall?
Come, hand me the hammer,
no trouble at all.
That looks like the middle;
well, here goes the nail—
No joist there? I never have
known it to fail. . . .
The picture's too high? We'll
just tighten the wire—
Oops! Should have been
loosened. That made it still higher.
We'll loosen it this time. . . . Say, what do you know?
The confounded thing is two inches too low.



All right now. . . . It's tilted a little, you say?
Well, there it is. . . . Careful! It's falling your way. . . .
All right, it was *my* fault. We'll just let that pass.
You pick up the picture; I'll sweep up the glass!

—Richard Armour



Memo to a man with a sore nose

Congratulations, sir! Your bandaged beak is a badge of honor!

It's a symbol of service . . . a sure sign that you, like most of us these days, have been keeping your nose to the grindstone—working to keep your family living the way you want them to live.

But what of the future? Your nose can't take it forever. Someday you'll want to retire, to follow the hobbies and take the trips and do the things that you've always dreamed of doing.

That's going to take just one thing—MONEY! And will you have it when you want it?

You will if you're buying U. S. Savings Bonds *automatically*—on the Payroll Savings Plan where you work, or on the Bond-A-Month Plan at your bank.

With either plan, you're heading for real financial security. Month after month, regularly as clockwork, your money is saved for you. All *you* have to do is sit back and watch the Bonds pile up.

It's just about the easiest, surest, fastest way of building financial security that anyone ever dreamed up. And with U. S. Savings Bonds, you *make money* while you save it. Every $75 Bond you buy today will be worth $100 in just 10 years!

Of course, you can always buy Bonds at any bank or post office. But the best way, the sure and steady way, is to buy 'em automatically!

Start doing it now! Keep on doing it! And in no time flat, you'll find that you're well on your way to a permanent separation of nose and grindstone!

AUTOMATIC SAVING IS SURE SAVING—U.S. SAVINGS BONDS

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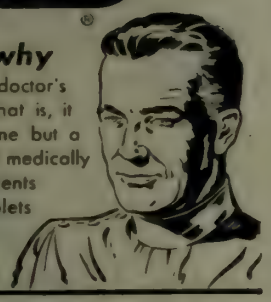
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RICHARD S. OTTO, Dept. BH, San Luis Obispo, California



"Upton was saying only yesterday that if we ever build another home . . ."

answer. If it's one you really want, and is for sale at a price reflecting the downward trend, chances are good it will give you relatively economical housing. (Matthews says, "I believe an old house will be a better buy in the future than in the recent past.") However, if the house still is wearing a 1948 price tag, don't buy (comments Wenzlick: "Older houses, in my opinion, will be bad buys in 1949 and for the next couple of years").

Is it advisable to sell an old house now and build a new one?

Here, again, you must balance your own needs and those of your family, and your family finances, against your present house. If you're the one-in-a-million homeowner who has another place to live for the next few years, you may be financially ahead to sell your old home now, and build a new one later. Generally, however, if you own a good old house, hold onto it. If your house is too big, a smaller modern home may have some compensations not reflected in building costs—and the "trade-in" value of your old house still is relatively high.

(Miller emphasizes that here, too, you must ask yourself these questions: Can I keep up the payments on the home I would like to build or buy? Is my down payment large enough? Can I afford to take a loss on the market value of my new home?)

How long will present old-house values hold?

Values are starting to taper off now, as the scarcity premium fades. (Matthews and Miller expect the price drop to be gradual, with prices perhaps 10 percent less in 1949, 20 or 25 percent less by 1955.)

What will happen to interest rates?

There's no question but that interest rates will rise, and they may drift slowly upward for the next several years. Slightly higher rates are innocuous for a year, but multiplied by long retirement periods they become serious.

What about availability of credit?

Credits already have tightened. Builders and buyers find it more difficult to arrange financing at better than 60 to 70 percent of appraised value. That means larger down payments.

What will happen to appraisals?

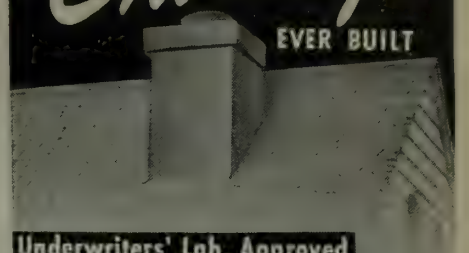
Lending agencies will view appraisals much more carefully. Banks and loan companies are trying to avoid a recurrence of the middle thirties, when they were loaded with foreclosures on property valued at boom levels of the twenties. There's a tendency to chop 30 or 40 percent off today's appraised market values.

What about veterans' loans?

The veterans' opportunities for loans at a low interest rate are less than in the past; in some areas 4 percent loans are practically nonexistent. (Wenzlick forecasts: "A 4½ percent rate will be minimum for any type of loan.") The Veterans Administration is using cost allowances somewhat below what house price tags indicate—in line with local realities. However, the veteran still is in a favored position, and is likely to remain so.

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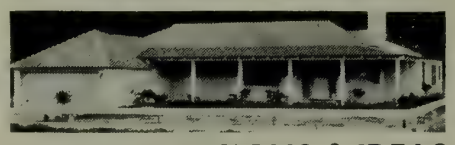
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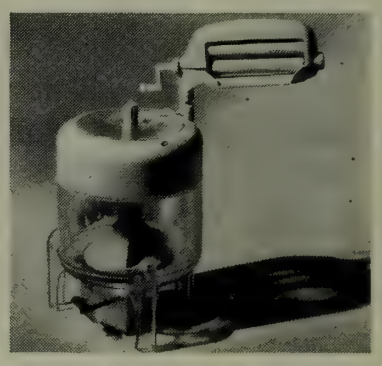
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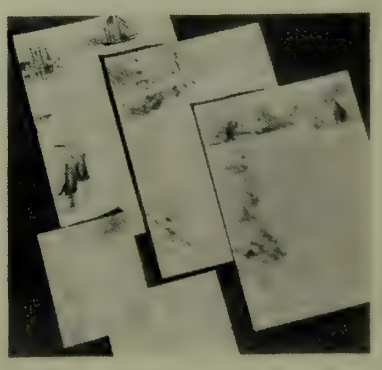
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inders of ice slide into a ther- bottle readily or fit snugly in a bler. The tray that freezes nd ice cubes is all aluminum 14 ice cups. If you fill each completely full of water, ex- sion during freezing will leave im of ice at the top of each mn by which the cylinder can ifted out easily. *Cyl-Tray* is $2.95, . Terrace Novelties, 213 E. 58th New York 22, New York.



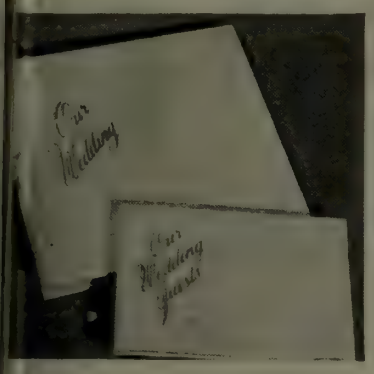


Spring form mold is all things to cake bakers. A 10-inch rim with spring fastener clamps around bottom forms to bake an angel cake, Danish cake, or just plain cake. The section with the center tube can be inserted in the rim and turn out a handsome ring mold of gelatine. Of aluminum with steel spring, the *Spring Form* with 3 different bases is $2.25, ppd. Gotham Gifts, 67-85 Exeter St., Forest Hills, New York.

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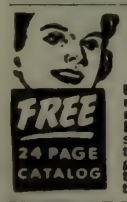
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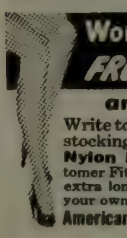
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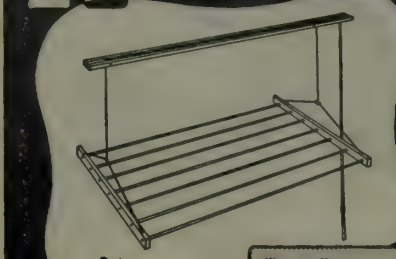


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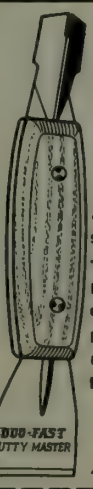


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I am enclosing $1.00 please send me one Duo-Fast Putty Master.

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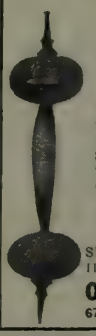
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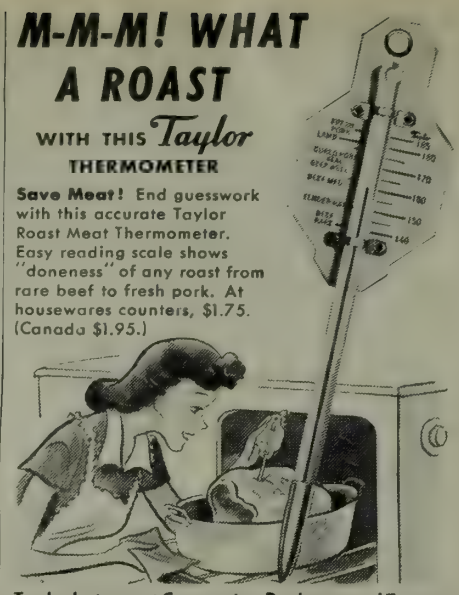
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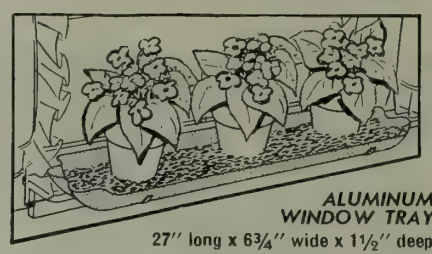
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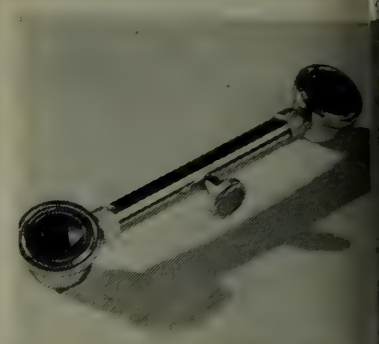
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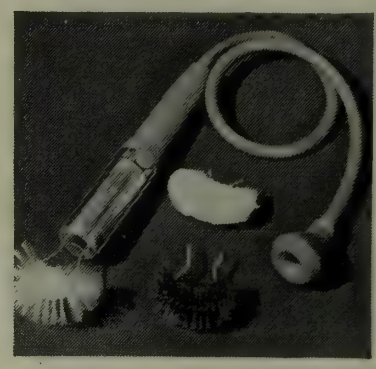
Long selected Superfine, $2.90; Finefine, $3.00; Fine, $3.25; Medium, $3.75; Common, $4.25 per hank. Fine woven cane webbing, $1.50 square foot.
Soft Rush, $2.00 per bundle. All postpaid.
Gocart Shop, 9 Sears Court, New Bedford, Mass.

Thru the shops

[*Continued from preceding page*]

Water mixer for sink or lavatory with separate faucets mixes hot and cold water to your liking. Outlet has removable filter that aerates the water to prevent splashing. Of solid brass, nickel-plated, the mixer has built-in rubber gaskets that fit most standard faucets. *Model A Water Mixer* expands from 7" to 11"; *Model B*, from 11" to 14". Ppd., $1.25. Spencer Gifts, Atlantic City, New Jersey.





Dishwasher makes washing dishes more like fun. Head is lightweight, insulated aluminum; tube and self-adjusting connector are synthetic rubber. Three brushes, nylon, cotton, and bronze, are included. Detergent or soap is housed in head, suds produced by pressing button on head. *Quik-Suds Dishwasher* with detergent, $6.49, ppd. Glaudel & Frankel, 15 Maiden Lane, New York 7, New York.

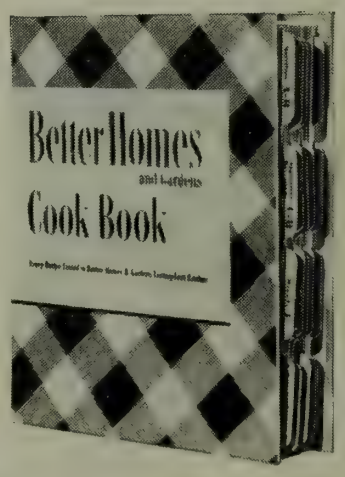
Darn it neatly and easily with this little darning loom. You just can't make an untidy darn with it, and stitches are stronger because evenly spaced. Simple instructions show how to set the loom to begin the darn and how to carry the job thru to a proud conclusion. For heavy socks or fine linens, *Speedweve* is $2.25, ppd. Green Gable Gifts, 394 Lenox Ave., New York 27, New York.



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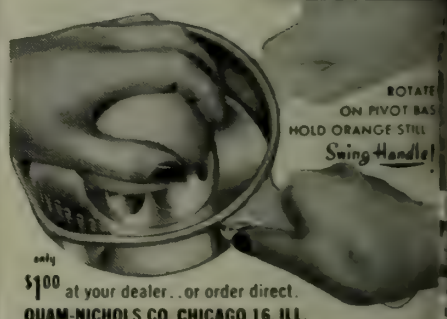
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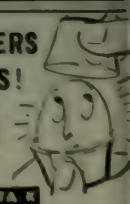
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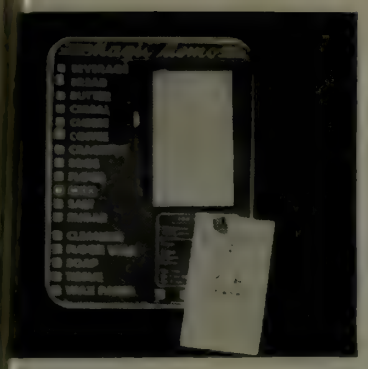
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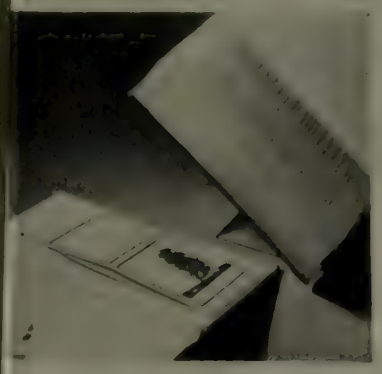
CRAX-EZY DEPT P BOX 247, STA H LOS ANGELES 11, CALIF



Memory board of metal reminds you of things to buy, holds a pad and pencil for household note-jotting. Four magnetic blocks make it easy to peg off groceries as you think of them, until you've time to write your list. Or the magnets secure loose papers and bills to the board where they won't be lost. *Magic Memo*, 7½″x10″, is red, with replaceable note pad; $1, ppd. Northmore's Home Products, P. O. Box 756, Highland Park, Illinois.

Ring mold for eggs gives them that well-tailored look; the perfect solution for tattered edges on pancakes. The chrome-plated steel ring, 4″ in diameter, sits in the skillet, receives egg or pancake batter, and strictly controls the resulting curves. The 5-inch handle stays cool. *Egg Mold* $1.25, ppd. Fineline Company, 303 Fifth Ave., New York 16, New York.



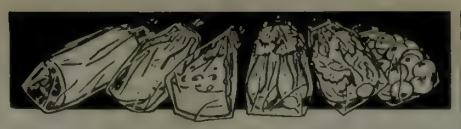


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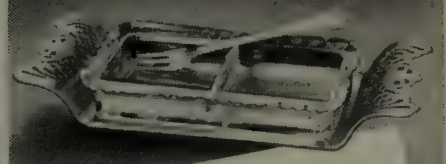
1—14″x21″ bag for turkeys, roasts & clip
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Enjoy economy of foods kept fresh in space saving Handi-Bags right away. Send $1.00 for each set today. We ship immediately prepaid. Money back guarantee. No C.O.D.

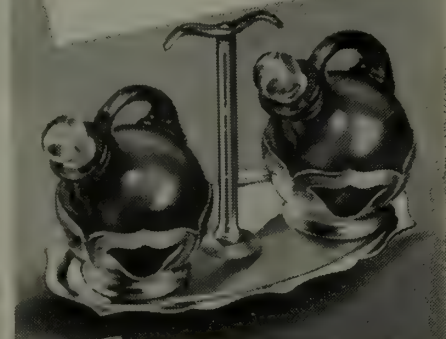
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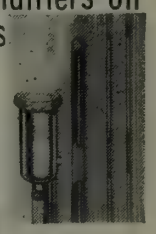
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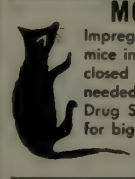


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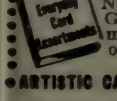


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My friends like to brag mournfully how much it costs to send their sons and daughters off to college. They forget to mention that it cuts the grocery bill in half, and makes possible an extra hour of sleep, four nights out of five.

+ + +

Hint to husbands who like to cook: If you keep nails and screws around the kitchen in an old jar top, one of 'em is certain to show up in a pie or beef stew and give it a novel texture and flavor.

+ + +

I'm told it's become old-fashioned not to spank unruly sons, but there are better ways: to lock up the electric train, to confiscate the bicycle, to insist on frequent washings of the car, and finally to enforce weekly scouring of the garbage cans, on grounds of sanitation.

+ + +

I'm alarmed to observe how garrulous my friends are getting as they mature. (I hope they overlook the same tendency in me.) But those who were strong silent men at 30 seem to become incipient chatterboxes in their 40's.

+ + +

"It takes all sorts of women to make a world," muses Phyllis Gowan. "Including women who listen to soap serials when they could enjoy Don McNeil, Fred Waring, or Art Godfrey, without tears."

+ + +

Another important distinction between the sexes: It's rude for a man to interrupt a woman in a monologue on clothes or pressure cookery, but it's cute, whimsical, and fetching for a woman to block a man nine times in the midst of his favorite story about the Boston spinster and the Portuguese sailor.

⬆ Pertinent observation on fathers: It's queer how a man who has never had a pair of skis on his feet in his life feels perfectly competent to teach his children how to ski. (I'm afraid this overconfidence seeps into more vital realms, too.)

+ + +

You can (furtively) just about size up the caliber of a friend's housekeeping by a glance at the uncleaned cutting edge of the can opener on the kitchen wall and the patina on her rubber washbowl stoppers. At least those are the clues my Aunt Cornelia always relies on.

+ + +

Soon after I took my marriage vows I swore (as a fugitive from a bachelor's turmoil) to read at least one book a week, amid the serene quietude of family life. Now I'm lucky if I even get a look at the daily paper.

+ + +

I've studied the programs of all six radio stations which my machine reaches easily, and now I've evolved my own weekly program. By skillful dialing I can get thru several hours at a time without being browbeaten, excruciated, harangued, wheedled, intimidated, or bored.

+ + +

One of the wisest men in our town thinks he has the perfect formula for keeping on amiable terms with his in-laws.

"I simply treat them as formally as if they were college professors," he says. But you can't quite do that with all in-laws!

+ + +

When a man's taking a dim view of his teen-agers' magnified romances, nothing irks him more than to be reminded that Romeo and Juliet were teen-agers, too. ➡

My wonder girl still thinks it's a piece of masculine unfairness when I argue that the milk, egg, bakeshop, and dining-out bills ought to be included in the monthly food bill. And (like the heroine of Life With Father) *she's gentled me into a defensive corner where I'm almost willing to admit she's right.*

+ + +

Further definition of a modern father: When he finds his 8-year-old has drilled holes in the table-tennis table, he blames himself for leaving the tool chest unlocked.

+ + +

One cherished illusion that creates a faint almost invisible chill among neighbors: The erroneous belief that their children's antics are as adorable to others as to their own parents.

+ + +

Our official joker at the club says he knows a married couple who haven't had a quarrel in more than 10 years.

"They've been separated that long," he explains.

+ + +

Our youngest has an appetite like a migratory bird.

At 5:30 he'll announce, "I'm starved, when do we eat!"

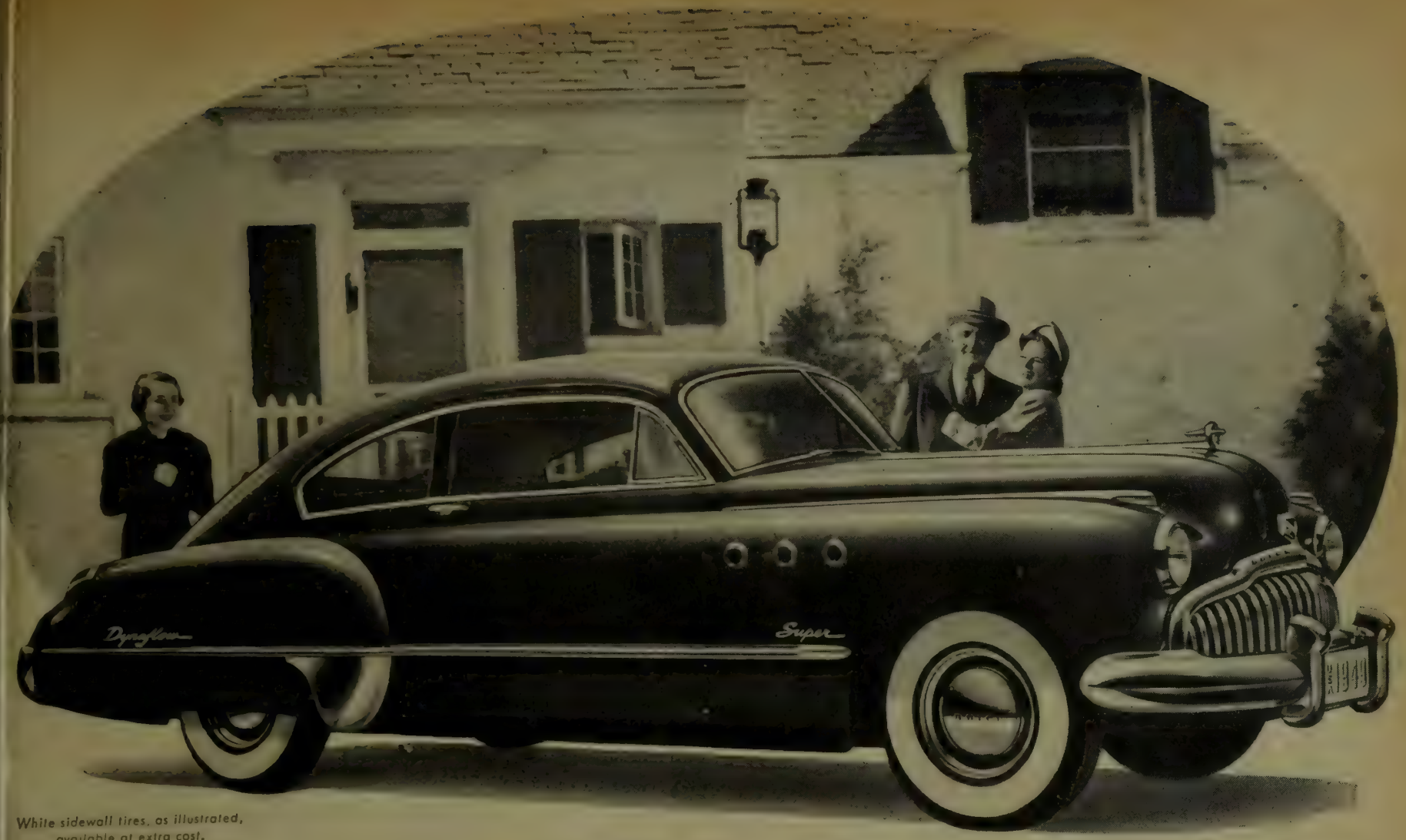
At a quarter to 6 we have to ring a bell, phone everyone in the neighborhood, and go around the block twice to summon him for dinner.

+ + +

More reasons why our young moderns apparently can't improve on marriage: Your wife's cheery wave from the window as you shovel the snow. . . .A child's voice answering out of the darkness when you say "Dinner's ready!" . . . Secret discovery that two heads are better than one—a maxim you've always doubted. . . . Bedtime discussions when you learn you've both independently reached exactly the same caustic or indulgent conclusions about the latest gossip. . . . Hollowness of the house when you're alone in it, and the festive music of the car in the driveway or the thump of feet shaking off snow on the doorstep.

—HARLAN MILLER





White sidewall tires, as illustrated, available at extra cost.

Makes the family's Beams come through

YOU can picture the first part easily enough — the bubbling excitement of your Lady and the youngsters as they see this spanking new Buick arriving at the door.

But — there's no containing the cheers when they sample the liquid-smoothness this big beauty gets from Dynaflow Drive†.

...When they see the room for you and your friends that's in gracious new interiors where even the softness of the seats adds appreciably to room overhead for hats and hairdos.

...When they discover they're sightseeing every foot of the way through greater glass area all round and a huge windshield curving into narrower corner posts for safer visibility for *you*.

...When they learn how much Fireball power means to effortless travel — how Hi-Poised engine mountings lull away vibration — what a wonderful ride is produced by coil springs at each wheel plus oversize tires on the industry's widest rims.

Fact is, there will be no end to *your* cheers either when you learn how much this Buick offers — at such surprising price-tag figures.

Check those now. Match Buick against the field for style and comfort and safety and sound value — and you'll get your firm order in.

BUICK DIVISION OF GENERAL MOTORS

†Standard on ROADMASTER models, optional at extra cost on SUPERS.

BUICK alone has all these features

Silk-smooth **DYNAFLOW DRIVE*** • **FULL-VIEW VISION** *from enlarged glass area*
SWING-EASY DOORS *and easy access* • **"LIVING SPACE" INTERIORS** *with Deep-Cradle cushions*
Buoyant-riding **QUADRUFLEX COIL SPRINGING** • *Lively* **FIREBALL STRAIGHT-EIGHT POWER**
with **SELF-SETTING VALVE LIFTERS** *plus* **HI-POISED ENGINE MOUNTINGS** • *Cruiser-Line*
VENTIPORTS • *Low-pressure tires on* **SAFETY-RIDE RIMS** • **DUREX**
BEARINGS, *main and connecting rods* • **BODY BY FISHER**

*Standard on ROADMASTER, optional at extra cost on SUPER models.

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WHEN BETTER AUTOMOBILES ARE BUILT BUICK WILL BUILD THEM

Better Homes and Gardens

FEBRUARY, 1949

Volume 27, Number 6



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Rate yourself on this Home-Owners Quiz

The right answers can mean money in your pocket

. How much does insulation save on fuel bills?

☐ Up to 10% ☐ Up to 44% ☐ Up to 22%



An efficient insulation, such as KIMSUL*, in-lled in the ceilings and sidewalls of your new me, can save up to 44% each year on fuel ls. These savings will usually equal the cost of ur insulation within four years. Thus KIMSUL ickly pays for itself.

. Who installs insulation?

☐ Skilled workmen ☐ Anyone ☐ Plumbers

. Anyone can install KIMSUL in an existing home. You simply ex-nd the blanket and fasten it in place. However, your dealer can range for professional installation in either your present or new home.

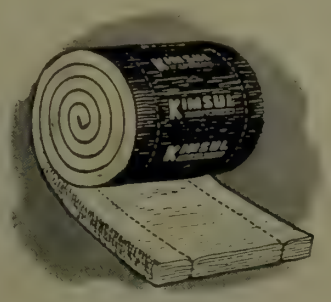
. How much does insulation add to the cost of build-ing an average 6-room house?

☐ $600 ☐ $50 ☐ $150

. Insulating throughout with KIMSUL is estimated at about 1% of he building cost. In the average 6-room house the cost is usually 100 to $150, or less than you'd pay for a new refrigerator.

Q. How long will insulation last?

☐ About 20 yrs. ☐ For life ☐ 10 yrs.

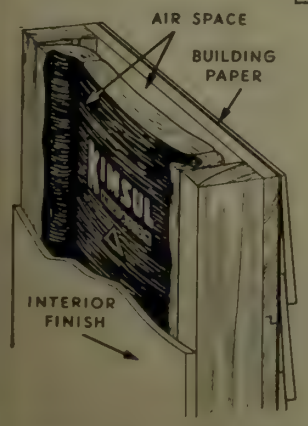


A. KIMSUL will last for the life of your house—won't sag, sift or settle. It is permanently resistant to moisture, in-sects, vermin and mold. Each of its many layers—even its Pyrogard* cover—is individually treated to be fire-resistant.

Q. Where should a new house be insulated?

☐ Walls and basement ☐ Walls and attic

☐ Depends on how cold the winters are



A. The outside walls and attic of a new house should be insulated (also floors over basementless areas). The illustration shows how many-layer stitched KIMSUL, installed in the center of the wall space, provides scientific wall construction. Builders will tell you this is the most efficient way to insulate the walls—with air spaces on both sides of the insulation.

Q. When should a new house be insulated?

☐ In the summer ☐ When it's being built

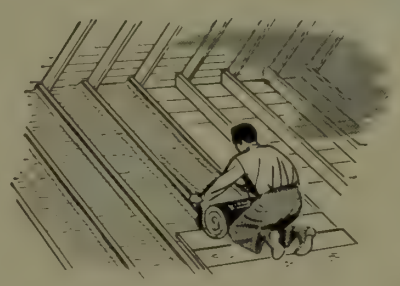
☐ After it's a year old

A. Be sure to insulate your house *at the time you build*. If it's a choice between insulation and some special luxury equipment, choose the insulation. You can install the other equipment later at the same cost. But it costs *3 times as much* to insulate the sidewalls of a house if you wait till it's built!



Q. Can an old house be efficiently insulated?

☐ No ☐ Yes ☐ If it's not over 18 years old



A. Yes. A blanket of Double Thick KIMSUL, installed in the roof or attic spaces of your present house will make it a healthier, more comfortable place to live. The KIMSUL blanket in your attic alone can provide substantial fuel savings—often as much as 33%! Unlike loose-fill or blown-in types of insulation, the many-layer stitched design of KIMSUL provides uniform coverage over every inch of insulated area. No money-wasting thick spots, no thin spots where heat can leak out!

Q. What other benefits can I expect from insulation?

☐ Summer heat reduction ☐ Increased radiant warmth

☐ Winter draft reduction

A. You're right if you checked all three answers. With Double Thick KIMSUL in your attic, on hottest summer days your house will be appreciably cooler—possibly as much as 15°. In cold weather, walls, ceilings, and floors insulated with KIMSUL, have higher inside-surface temperatures, and thus contribute to radiant warmth within the house. In addition, these warmer surfaces do not create cold drafts.

*Trademark Reg. U. S. & Can. Pat. Off.

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A PRODUCT OF Kimberly Clark RESEARCH

FREE INSULATION BOOKLET

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KIMSUL Division, Neenah, Wisconsin
Please send me one of your two *free* KIMSUL booklets:
☐ on insulating the home I'm planning.
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Name.....

BHG-249

Address.....

City.....*Zone*.....*State*.....

Chained to a crusty pan?



Don't tie yourself up in knots over grease-crusted pans! Drop that gooey dishrag, and let a metal-fiber Brillo pad do your work!

Shine 'em quick with

BRILLO



Brillo has gumption! Just *swirls* off greasy scorch and baked-on crust! A square Brillo *pad-with-soap* whisks your pots and pans clean and shining in a flash! *Fast!* Neat! So easy! Use Brillo every day to keep pans bright as the day you bought 'em!

There's jeweler's polish in BRILLO!

Brillo makes pots and pans sparkle like new! Brillo's special-formula soap contains polishing ingredients that jewelers use to shine their precious metals!

GREEN box—pads and cake soap
RED box—soap-filled pads



Shines aluminum fast!

The ultimate family

I KNOW a man, who, as a boy, lived for a while in Mexico. Too young to excite the prejudices of the people among whom he was living, but old enough to form valid judgments, he lived—not with the charming, cultivated classes of that misunderstood country—but with illiterate Indians.

These people took him willingly into their homes. He slept the moon-drenched nights through on a petate unrolled on the earthen floors of their mud houses. He ate the tortillas and frijoles cooked by their women on open fires in chimneyless kitchens. He saw their contentment with little; their willingness to share the simple possessions of their poverty with any needy person; their unfailing courtesy; their kindness to children and to old people; their willingness to accept the hardships and evils of the day along with its blessings. He discovered them as persons, and he respected what he found. He has been incredulous ever since that any people may be inferior just because they are different.

▸ IN A SENSE, THIS MAN had the opportunity to apply the experimental method of science to the study of an alien people. We're often told, nowadays, that we have had too much of science; that it's driving us straight down the road to destruction. Perhaps it is, but certainly not in the field of human relations.

The method of science is: Before dogmatizing, first *find out the facts*. Is it a fact that the Japanese are an intrinsically stupid people, capable of clever copying, but without capacity for original thought? Ask any California educator! Let him produce his grade sheets, while he tells of the work of Ogura in navigation, of Noguchi in medical research, or of that unknown Japanese who discovered the method of the calculus centuries before Newton and Leibnitz were born. Is it a fact that Jews are crooks, that the Pope is anti-Christ, that the Protestant Church is the ally of the devil and the apostle of anarchy in morals? Is it a fact that Negroes are stupid, irresponsible children, interested only in merriment?

▸ IF THESE QUESTIONS are shocking, that is more reason to face the fact that each of them is being asked and answered affirmatively today in many dark corners of private discussion. They are being answered without first discovering the facts; answered emotionally on the basis of the ancient savage assumption that he who differs is a potential enemy.

The world has become too small for this sort of thing to be endured longer. The world, alas, grew up that way; but if we are to survive, it will have to reform; and that reform must begin with the individual, with the family, in the home. For today the world is like a family into whose membership all sorts of strange people have been suddenly and permanently introduced. If that were done in your own family, wouldn't you try to make the best of it, to discover virtues in these strangers, and, if possible, to enlist their loyalty? Of course you would. We as citizens of a jostling world can do no less.

▸ SCIENCE TELLS US that people everywhere, under the surface of custom, are fundamentally much alike. Everywhere, some are good, some bad, and the great majority are in the middle, just as they are in the family. They are weak, just as we ourselves are. They are kind, as we prefer to be. They are the prey of evil impulses, as are we all. They are sheep following leaders who make them do things they couldn't bring themselves to do singly.

Why must the world become a family? Simply because there is no other way out. It's as simple as that. Most of us have listened to scientists who worked on the atomic bomb. They are appalled. They are pleading for a revolution; not one of guns and barricades, but an ethical revolution. Force, they tell us, may no longer be the arbiter of destiny. If it's used once more, in all its present appalling power, civilization will disappear. More, it's possible that the earth may become uninhabitable in all its most fruitful parts.

They wish it were all undone, but that can't be. They see but one great shining hope: That fear and practical necessity may bring to practical application the truth that every great moralist through the ages has preached in futility—that men are brothers. At last, they hope, Cain may be answered.

▸ WE DON'T EXPECT perfection in the family. Somebody is always getting into trouble, and policemen are found in our streets. Sometimes we hurt those who love us, with an irrationally fiendish impulse to do or to say the thing that will cause the most pain. But all this doesn't, most of the time, destroy the family. In this new, tiny world, we must expect similar things among nations; but they must never again be allowed to disrupt our unity. If one of a family insists on sowing his solitary patch of wild oats, the rest are seldom able to stop him. But they maintain the family, and when the prodigal returns, as he usually does, he finds a welcome.

▸ SO LET IT BE ALWAYS, among men and among the nations, not just through Brotherhood Week (February 20-27), but through all the weeks through all the years to come.

Editor



Automatic laundry machines give you whiter wash with real hot water. The automatic Rheem can be dialed up to 180° on washdays, flicked back to normal for day to day needs.

"Meet Your New Servant"

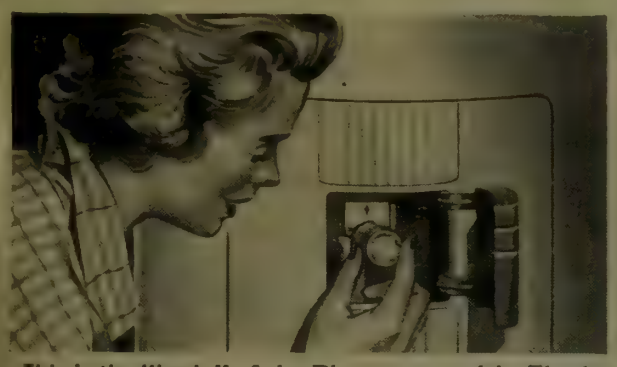
An automatic water heater requires no attention—will serve you round the clock if your needs are diagnosed before you buy.

By R. E. James
Rheem Engineering Consultant

Today, you no longer simply buy a water heater. You call in an expert to help you select an automatic appliance in exactly the right size, and fuel, that will anticipate every need for hot water in your home.

Then you won't run the risk of running out when washing machines, tubs and taps need hot water most. Neither will you have fears when you're away from home because an automatic water heater shuts itself off when hot water is not in use—goes on again only to keep the full tank ready for your taps, and at the temperature you want.

Two precautions will keep your hot water flowing for years to come without trouble or expense. Have a competent plumber carefully determine your maximum hot water requirements—and be sure to get a *reliable* water heater—RHEEM . . . brand name of the world's largest maker.



This is the "brain" of the Rheem gas models. The dependable Grayson Unitrol. *You* set the thermostat for the water temperature you want. The *control* automatically feeds gas as required to maintain the preset temperature. Goes on and off by itself. Even shuts off all fuel if the pilot light should go out.

And this is the "heart" of the Rheem. A long-life warranted steel tank, evenly fused with zinc by the patented* Rheem-Process. Prevents tiny pinholes that lead to leaks and corrosion. It is being sheathed in a thick blanket of Fiberglas insulation to *keep* the water hot when the burner is off. *Pat. No. 2444833





All Fuels, All Automatic, All Guaranteed. The Rheem comes in many sizes and models for gas, including "bottled," oil and electricity. Rheem automatic water heaters and other home comfort appliances are merchandised through selected wholesale distributors to your plumbing and heating dealer.

FREE For everything you should know about a reliable new water heater, just fill in, clip and mail. A handsome, descriptive booklet will be rushed.

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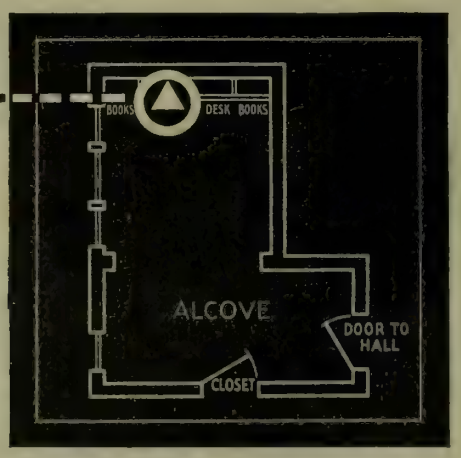
Rely on Rheem

WORLD'S LARGEST MAKER OF AUTOMATIC WATER HEATERS



to keep telephone wires

BEHIND THE SCENES...



After carefully planning lovely settings for your new home, you'll want to be sure that nothing mars their beauty. You'll want telephone wires concealed. And that's easy to arrange, if you act before you build.

Simply mark on your plans the places where you'll want to have a telephone. Call them to the attention of your builder or architect. Then, while construction is going on, a few sections of pipe or tubing can be run inside the walls to carry telephone wires to built-in outlets. Later, when telephones are installed, the wires can be run through these raceways to each telephone installed.

For complete details on this important home feature, call your nearest Bell Telephone Business Office and ask for "Architects and Builders Service."

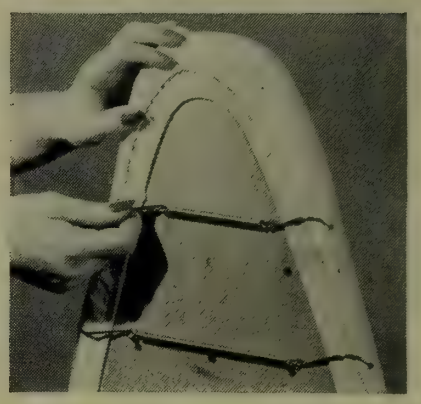
BELL TELEPHONE SYSTEM

It's NEWS to Me!

By Gretchen King



Door closer shuts the door behind you or may be locked to hold the door open when desired. This neat aluminum and stainless-steel unit may be used on inside or outside doors with left- or right-hand closing, push or pull action. Finger-tip control button regulates speed of closing. *Yoke Model Brake-O-Matic* closer for screen, storm, or inside doors, $2.95; *Torpedo Model* for heavy outside doors, $3.95; at dealers or direct from The Mitchell-White Corporation, 12 E. 22nd St., New York 10, New York.



Spring holders clamp to sides of ironing board to hold cover and pad taut and wrinkle-free. Springs release readily when cover is removed for laundering. Holders eliminate tiresome job of tacking cover in place. Holders are nickel-plated steel, graduated in length to fit slope of board. Set of 5 *Covertite Holders*, 75c, in stores or ppd. Wenson Products Co., 1647 Rockwell Ave., Cleveland 14, Ohio.



Two-step ladder fastens on closet door or wall to make top shelves readily available. Ladder is ivory-finished wood; 12" x 3¾" steps are rubber treaded. Steps fold flat against door or wall when not in use (right), are firm and steady when unfolded. *On-A-Dor Ladder, Model L* for doors with left-hand knob, *Model R* for right-hand; $3.95, in stores or ppd. On-A-Dor Company, 43-23 42nd St., Long Island City 4, New York.



The Dot Snapper family now includes *Wood Snappers* to fasten dressing-table skirts, bed skirts, closet trimming, or valance-board covers in place. Stud of snapper is fastened to wood with attaching tools from regular Dot Snapper Kit; no nails or screws are used. Socket of snapper attaches to skirt or ruffling. Snap trimming on in a hurry, unsnap for laundering. Dot Snapper Kit, with tools, $1; refill pack of 12 *Dot Wood Snappers* is 50c; in stores only. John Dritz & Sons, 1115 Broadway, New York 10, New York.



Beater for those hand-whipping jobs has all gears enclosed in a red plastic housing so no food can splatter into the works to slow up motion or throw gears out of alignment. Ease of action is maintained even after repeated washings. *Whip-R-Well Mixer*, $1.98, in stores. Thos. J. White Plastics Co., Inc., 7818 Weaver Ave., St. Louis 17, Missouri.

Tree protector lets young trees grow unmolested by rabbits or other rodents. Waterproof-plastic protector, 12″ high, is made in two sections that interlock to form complete circle of safety around tree trunk. Units may be placed one on top of the other to carry protection as high as needed; keeps trunk growing straight, protects against sunscald and winter-burn. *Cee-Tee Tree Protector*, 49c each or 6 for $2.94, at dealers. Como-Tex Co., Board of Trade Bldg., Chicago 4, Illinois.



Laundry cart helps in every phase of laundry work, saves steps and labor. Aluminum frame supports canvas hamper. Chain on legs keeps them from spreading and tipping. Wring clothes directly into hamper, then fold frame to carry clothes to line. Carries like a suitcase so you see where you're stepping, even up and down stairs. Just as useful for bringing laundry in, or holding ironing. *Wash Day Maid* with 4 rubber-tipped feet, $4.95, in stores or ppd. Wheels available, 2 for 50c. Allied Industries, 1220 Grand Ave., Des Moines, Iowa.



Training steps for the toddler add 10½″ to his height, provide a hand-hold at each side to steady his feet. All aluminum, the steps are feather-light to carry, but support up to 100 lbs. weight. Steps are grooved to prevent skids. Over-all height, 22″. *All-Tot Two-Step Trainer*, in stores or ppd., $3.95. All-Tot Sales Co., 1398 E. Ninth So., Salt Lake City 5, Utah.



Tool holder for garage or basement wall supports 7 standard tools up off the floor where they stay clean and dry. Holder is heavy steel, finished in green enamel. It is designed to let tools hang straight without interfering with each other in storage or when removed or replaced. *Garden Tool Holder*, $2.50, in stores or ppd. from Burger Forge, P. O. Box 488, Elgin, Illinois.



Hypodermic needle injects new life into old furniture joints. A small drill at one end of the tool bores a tiny hole in the heart of a joint to be mended. The other end of the tool is a syringe that forces glue through the tube and into the joint. Any standard furniture glue will work, to strengthen shaky table legs or loose chair rungs. *Glue Injector*, $1.25, in stores or ppd. Duplicon Company, Inc., 37 Saddle Hill Road, Hopkinton, Massachusetts.



Drying space is provided behind the shower curtain where washbowl laundry can drip into the tub and dry out of sight. Or the bar can hold towels, or swing the shower curtains outside tub for faster drying. Heavy chrome-plated bar adjusts from 36″ to 72″ to fit stall or tub showers; clamps to curtain bar with wing bolt. Need not be removed when not in use. *Handi-Arm*, $2.69, in stores or ppd. Flynn-Carson, 2514 W. Shakespeare Ave., Chicago 47, Illinois.



More "news" on page 12

So New!
So Exciting!
you have to see it, and read by it to believe it.

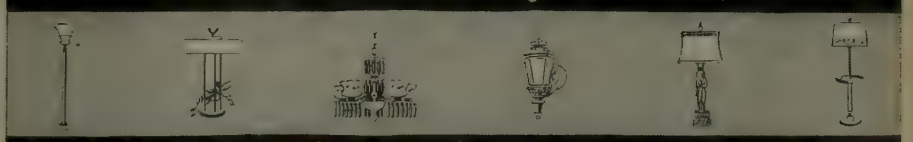


The greatest name in home lighting, LIGHTOLIER, gives you the greatest improvement in home lighting of the generation. Decoralite is a beautiful picture on glass or plexiglass, that becomes a perfect reading-in-bed light, at the flick of a bedside switch. You hang it above your bed—like a picture; you plug it in—like a lamp. Decoralite comes in many lovely designs and colors—for every bedroom, or as a decorative accent for any room in the house. See them at fine stores—from $19.95.

it's Decoralite by

LIGHTOLIER

11 E. 36, N.Y.C. 1267 M'dse Mart, Chicago 12th at Folsom, San Francisco



Creators of Fashion-Right Fixtures and Lamps

LIGHTOLIER, 11 East 36th Street, New York 16, N. Y. Dept. No. BH-2

I want to see the new Decoralite designs. Please send me your full color folder showing all the new models.

NAME.....

ADDRESS.....

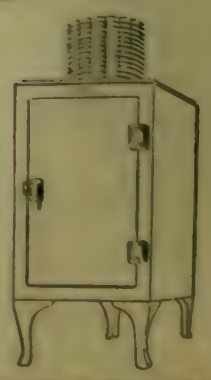
CITY.....ZONE....STATE.....

General Electric proudly announces . . .

More than 2



In the old "Monitor Top" model (at right) General Electric developed the sealed-in refrigerating system that has set an unsurpassed record for dependable performance. Shown above is the latest General Electric model—the new 1949 Refrigerator-Home Freezer Combination. Your friendly General Electric retailer will be glad to show you the different models and sizes in General Electric's complete new 1949 line.



2 million in use 10 years or longer!

• If you are thinking of buying a refrigerator, the statement above has a significance for you far beyond the manufacturer's justifiable pride in a well-made product.

Your investment in *any* refrigerator is a major one . . . and here is assurance that you invest wisely when you choose a General Electric. For a refrigerator's *most important advantage*—one that cannot be demonstrated on the showroom floor—is *trustworthy service* . . . every minute of every day, for years and years to come.

No other refrigerator can excel General Electric's record for dependable, economical performance!

Read what users say:



"The reason for my writing this letter is to tell you about our electric refrigerator which we bought in 1931. We have never had anything repaired on it in the 17 years that we have had it. The General Electric Company really must take great care and use good materials in their products."

MRS. WILLIAM D. ZINK
141 West Oley St., Reading, Pa.

"A G-E Refrigerator has given 20 years of continuous and efficient service in three households—in the kitchens of a mother and two of her daughters as they became married—now back in mother's kitchen after an absence of fifteen years, where it is serving as well as it did when new in 1928.

"During all these years it has not cost any of the three families a single cent for service or repairs, except 95 cents for a new rubber door-sealing gasket."

HENRY B. GOODMAN
New London, Conn.

"I feel that the General Electric Company would like to know that I have had a General Electric Refrigerator for 20 years. It is in good condition and still running night and day. Maybe you would also like to know that it has never had a service call."

MRS. A. J. HETTRICK
Oswego, Ill.



"On June 10th, 1930 I purchased a General Electric Refrigerator. It has run continuously since then and is still going strong. It has never caused me one bit of trouble and the motor is as quiet as the day I bought it. I think this is a wonderful record and I wanted you to know about it. You may be sure I shall always buy General Electric products."

MRS. AGNES D. EY
West Warren, Mass.

"In April 1929, we bought one of the coil-type (Monitor Top) models and it has been running continuously for 19 years and so far we have not spent *one cent* on it."

MRS. HARRY W. WOMACK
Havana, Fla.



"We have a General Electric Refrigerator bought in 1926 . . . in constant use all these years. It has never been serviced. This is a record I think even General Electric can be proud of."

MRS. H. BADER, *Puyallup, Wash.*

"Seventeen years ago this month my husband presented me with a *G-E refrigerator* as a birthday gift. Since then, summer and winter, it has served us continuously and during all that time our only expense on it was a new gasket for the door."

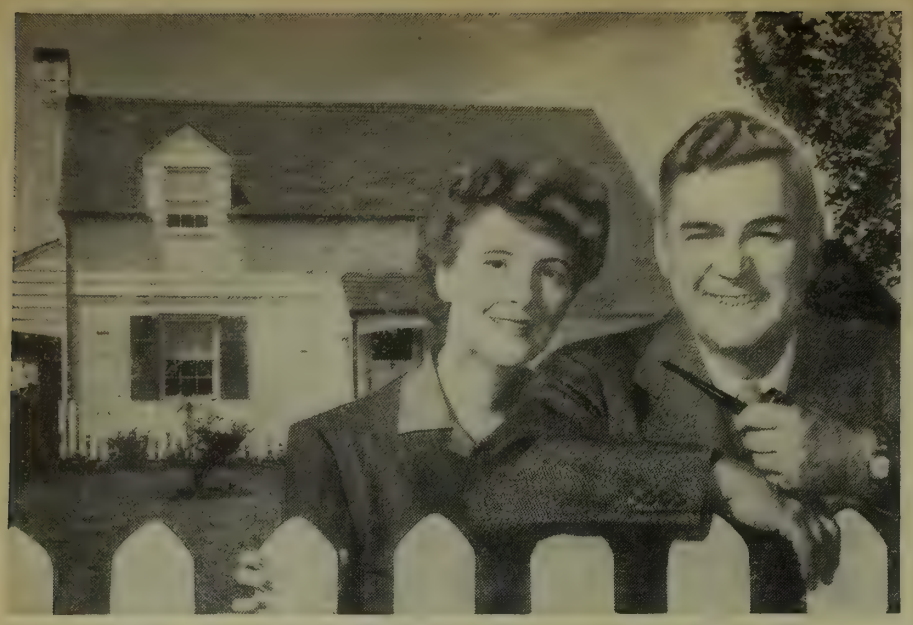
MRS. W. H. FOSTER, *Eureka, Ill.*

The Basic Reason:

The basic reason for the long and faithful service record of General Electric Refrigerators lies in the famous G-E "sealed-in" refrigerating system. This type of oiltight, airtight system, developed by General Electric, is recognized as the greatest of all contributions to dependable, efficient, economical performance in household refrigerators. General Electric Company, Bridgeport 2, Conn.

SPACE MAKER *Refrigerators*

GENERAL ELECTRIC



How we retired with $200 a month

ANN WAS DRESSING for the theatre, and while I waited that night I leafed through a magazine. I remember the date—August 17, 1926—because it was my 40th birthday, and we were getting ready to celebrate it.

As I turned the pages, my eyes rested on an ad. Maybe the reason it stopped me was that just that evening at dinner Ann and I had been talking about the same thing . . . our *hopes for the future.*

After all, we were pretty much like a lot of married couples. We found it hard to save. Money seemed to go out as fast as it came in. So, even in our happiest moments, there was always the worrisome thought that this couldn't last forever. I *was* getting older. Someday I might not be able to keep on working so hard. What then?

There on the page was the answer. There was just what we needed. I read the ad through to the very end. It told about Phoenix Mutual Retirement Income Plans, and how we could get a guaranteed income of $200 a month or more, beginning when I reached 60. And it wasn't just an income for myself alone. The Plan actually provided an income *as long as either my wife or I lived!*

When Ann came down, I was tearing a corner off the page. First coupon in my life I'd ever torn out. I stuck it in an envelope and mailed it on our way to the show.

Twenty years go mighty fast! The crash . . . the depression . . . the war. I couldn't foresee them. But I never had to worry about my Phoenix Mutual Plan.

A few years ago, Ann and I celebrated my sixtieth birthday. And it *was* a celebration! For, soon after, I got my first Phoenix Mutual check—and *retired!* Those checks will keep coming in —as long as either Ann or I live!

Now we can relax and enjoy our home and garden as never before. All because I started my Phoenix Mutual Plan—*in time*—while my best earning years were still ahead. You can do it, too.

Send for Free Booklet

This story is typical. Assuming you qualify at a young enough age, you can get any income you want—up to $200 a month and more—starting at age 55, 60, 65 or 70. Send the coupon and receive—by mail and without charge—a booklet that tells about Phoenix Mutual Plans. There are similar plans for women. Don't delay. Send for your copy *now!*

ESTABLISHED 1851

PHOENIX MUTUAL

Retirement Income Plan

GUARANTEES YOUR FUTURE

PLAN FOR WOMEN

PHOENIX MUTUAL LIFE INSURANCE CO.
756 Elm Street, Hartford 15, Conn.

Please mail me, without cost or obligation, your illustrated booklet describing Retirement Income Plans for women.

Name_____

Date of Birth_____

Business Address_____

Home Address_____

PLAN FOR MEN

PHOENIX MUTUAL LIFE INSURANCE CO.
756 Elm Street, Hartford 15, Conn.

Please mail me, without cost or obligation, your illustrated booklet showing how to get a guaranteed income for life.

Name_____

Date of Birth_____

Business Address_____

Home Address_____

COPYRIGHT 1949, BY PHOENIX MUTUAL LIFE INSURANCE COMPANY

It's NEWS to me!

Begins on page 8



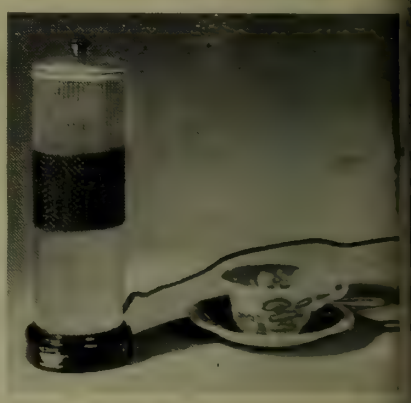
Shelved cabinet adds extra storage space on kitchen, bathroom, or bedroom door. Cabinet is 22-gauge steel, enameled white or ivory; 20¾″ x 68″; shelves are 3⅜″ deep and adjust to any arrangement you need. Three pin-type hinges hold cabinet in place over door paneling, while a latch at front keeps it shut. *Dor-Cab* shown is $24.95; de luxe model with full-length mirror, $39.95; in stores only. Dor-Cab Corporation, 516 Manheim St., Philadelphia 44, Pennsylvania.



Flexible long-arm reaches into inaccessible spots for you, retrieves objects dropped down a drain. It also sets and starts screws in hard-to-reach places. Pressure on plunger at top forces four spring-steel fingers out at the bottom; as pressure is lessened, the fingers close on the object and grasp it firmly. *Magic Fingers*, $1.59, in stores or ppd. G & D Products, Box 1074 U. P. Sta., Des Moines, Iowa.



Remove ice-cube trays from freezing unit without damage to trays or unit. *Trays-Out* was designed primarily to pry frozen trays out of place, but is equally as effective in scraping frost from home freezers during defrosting. Tool is alloy aluminum, smoothly finished. In stores only, *Trays-Out* is 39c. Porter Brothers, 264 W. Pike St., Covington, Kentucky.



Boil water in just 3 minutes to make instant coffee or tea right at the table. Pint container is all aluminum, lined and insulated; plugs into electric socket. Thermostat brings contents to boiling, then holds heat just below that point indefinitely. *Cof-Tea Electric Server* is $9.95, in stores only. Welcamp Metal Products Co., 1952 Anthony Ave., Bronx, New York.



Front-porch light is combined with bell push, so when callers ring your doorbell, the entrance lights up. Light stays on 5 minutes, then turns itself off. Mounted on outside wall, the light connects with electric socket inside house, utilizes a 60-watt bulb. Cast aluminum finished in copper or antiqued bronze, *Lynd-Lyte* is 7½″x4″x3¼″ deep; $6.95, in stores or ppd. Lynd-Lyte Manufacturing Co., 5011 Clark Ave., Cleveland 2, Ohio.



Electric time in your kitchen can be decorative as well as accurate. This clock may be hung on wall or inset so perforated white-plastic numeral band is flush with wall. Color of wall behind band shows through. Dial is red, blue, gray, or tan with white minute markings and hands. Outside diameter is 7⅛″. The *Telechron Decorator Clock*, with 6-ft. cord, is $5.95 plus Federal tax, in stores only. Telechron Inc., Ashland, Massachusetts.



Andersen Gliding Window Units in Sam Buron Home, Pine Bend, Minnesota

ANDERSEN Windowalls

Lucky you... when your new home is equipped with the finest of windows... ANDERSEN WINDOWALLS... the windows that perform the functions of both walls and windows. There are thousands of ways these factory pre-fabricated wood window units can be combined to welcome sunlight and fresh air into your home... to frame a lovely view... and to keep your home cozy and warm in winter. Write today for information.

Mail this Coupon for Windowall Idea Booklet

Andersen Corporation
Bayport, Minnesota **BHG29**

Gentlemen:
Send literature on Andersen WINDOWALLS.

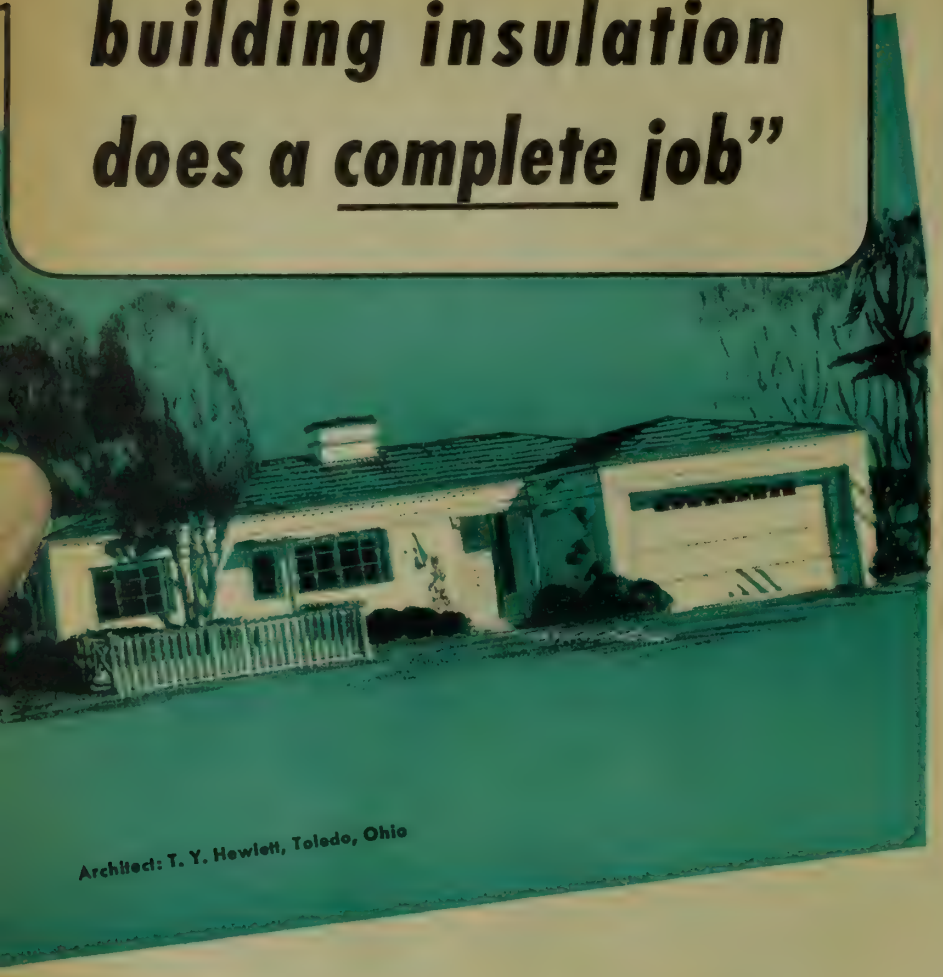
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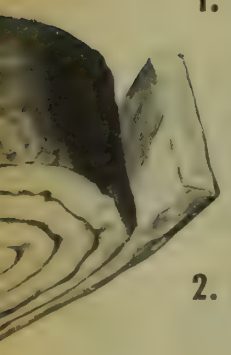
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"Only ONE building insulation does a complete job"



Architect: T. Y. Hewlett, Toledo, Ohio

Get this 2-in-1 protection ... at no extra cost



1. Inorganic — Ageless glass wool

- Fiberglas,* the most efficient mineral wool, can't rot, burn or absorb moisture.
- Feather-light: never packs down in walls.
- Permanently efficient barrier to heat, helps keep home comfortable—winter and summer.
- Provides no food for insects or vermin.

2. Enclosed roll blanket — continuous barrier

- Speedy, foolproof installation.
- Superior moisture protection.
- Easy for workmen to apply correctly.

nly FIBERGLAS Building Insulation gives you BOTH features

hen you build, buy or remodel, you can be sure of 2-in-1 protection ith Fiberglas Building Insulation. It is the only mineral wool roll blanket the market, yet it costs no more than ordinary insulation.

Used in appropriate forms in leading makes of ranges and refrigators, in planes, trains and busses, Fiberglas Insulation is universally nown and accepted.

You can easily see why more builders use Fiberglas than any other ilding insulation.

Sold by top-flight lumber and building supply dealers everywhere. Disibuted by Armstrong, Certain-teed, Flintkote and Kelley Island. Product Owens-Corning Fiberglas Corporation, Department 2100, Toledo 1, O.

In Canada: Fiberglas Canada Ltd., Toronto, Ontario

*FIBERGLAS is the trademark (Reg. U.S. Pat. Off.) for a variety of products made of or with glass fibers by Owens-Corning Fiberglas Corporation.

the best in "blown-in" insulation, look for name of your local Fiberglas applicator under "Insulation" in classified phone directory

OWENS-CORNING FIBERGLAS BUILDING INSULATION

Floor-length windows

They make the most of sunlight or a terrace view

By Marguerite Cottington

RIPPING up one living-room wall to change the size of your windows won't be fun. And (unless you're a contractor) it won't be a spare-time job. But if your living room is dark and glum, or if you're missing a view of trees and lawn outside, changing windows may pay handsome dividends. The Earl Chalbergs of Glen Ellyn, Illinois, found that new floor-length windows gave them a bright, uncluttered, modern living room. Like this:

Photograph: Balzhiser



Before. Clever drapery or curtain treatment couldn't make these windows look attractive or well spaced. And even in summer the windows were too high and small to let much sunlight into the living room

Suter, Hedrich-Blessing, Ltd.



After. Window over the radiator at left was plastered up · now the wall has stopped looking cluttered. Then the small windows above the sofa were replaced with a glass door and flanking floor-length windows that take advantage of streaming sunlight and give depth to the room

'll turn your heating plant to lower fuel saving temperature at bedtime and keep it there all night — *automatically.*

'll wake up your heating plant, *automatically,* before you wake up in the morning.

'll see . . that your home is warm and cozy, *automatically,* before you roll out of the covers.

'll keep your family in perfect comfort all day, *automatically.*

'll do . . . a better job of controlling your heating plant than your present plain thermostat.

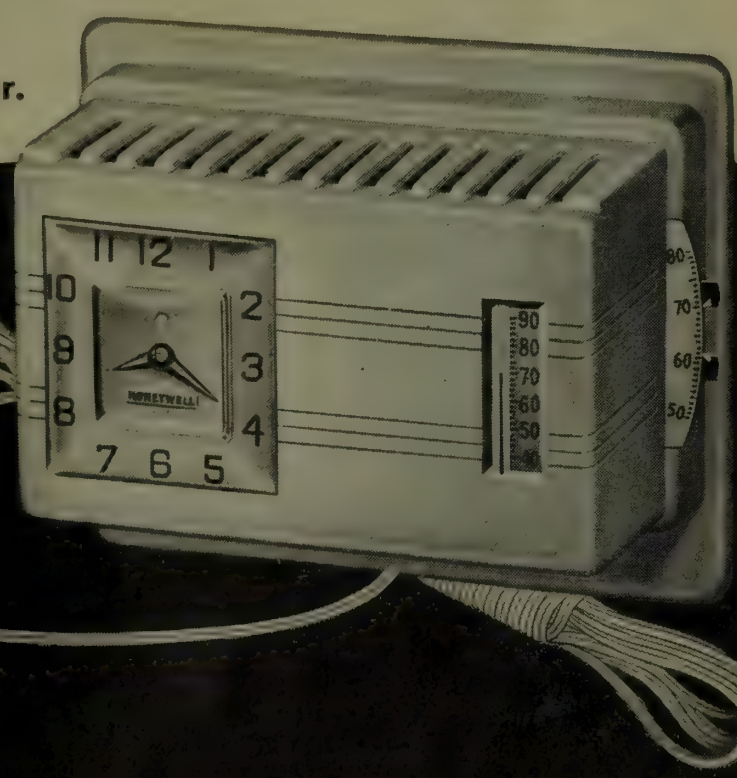
'll pay . . for myself before you know it by saving 10% or more of your fuel bill.

Automatically Yours

You can install me yourself in less than ten minutes in place of your present thermostat. I cost only $39.50, including federal tax.

For your new home or new heating plant, I am a 'must'.

Ask for me at your heating, service or appliance dealer.



Chronotherm

ELECTRIC CLOCK THERMOSTAT

MAIL THE COUPON ▼

MINNEAPOLIS **Honeywell**

CONTROL SYSTEMS

MINNEAPOLIS-HONEYWELL REGULATOR COMPANY
2713 Fourth Avenue South • Minneapolis 8, Minnesota

Send me the fuel-saving, comfort story of the "Plug-In" Chronotherm, telling how it can be easily connected in a few minutes.

Name_____

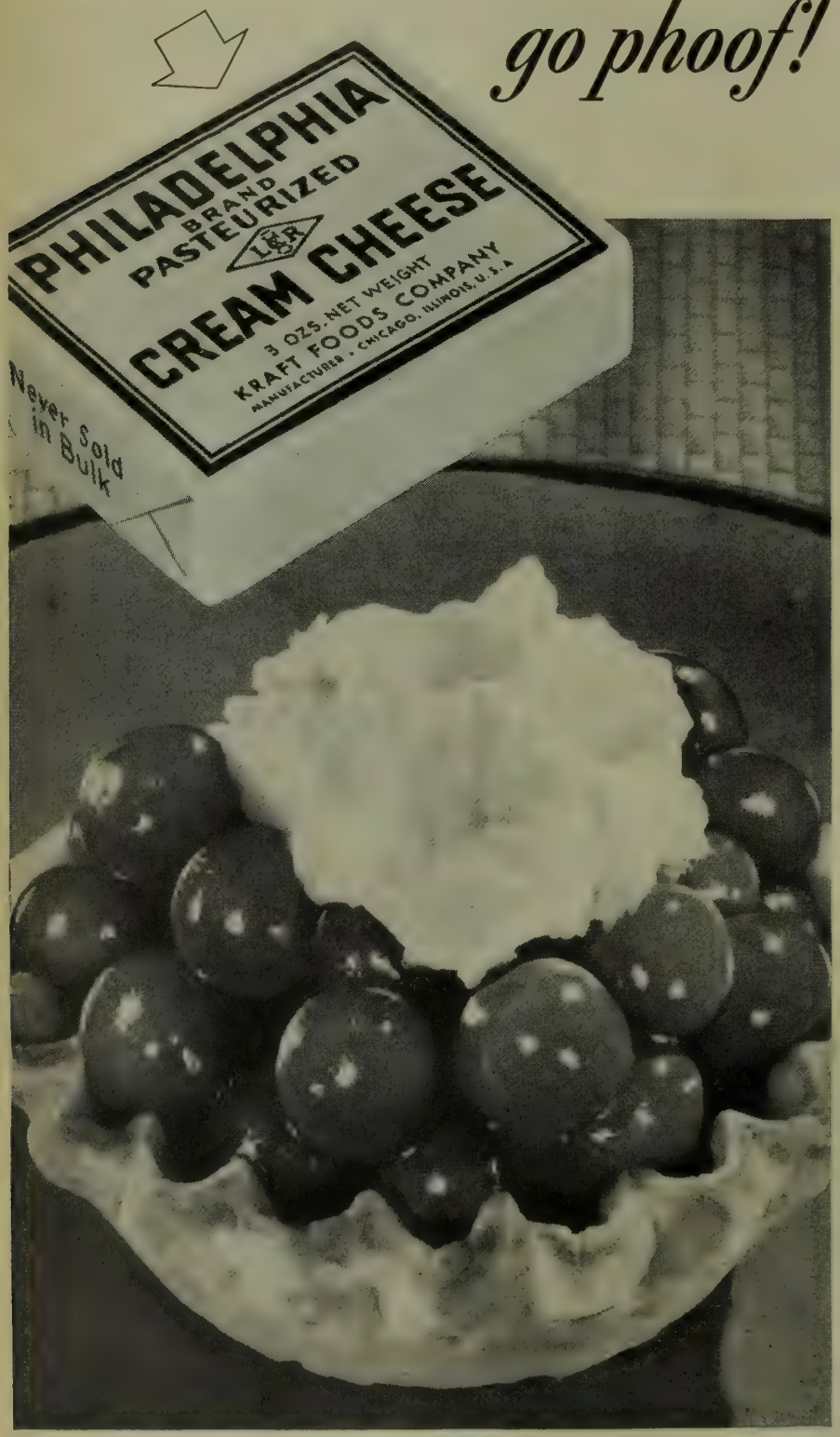
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City_____ State_____

MINNEAPOLIS-HONEYWELL REGULATOR COMPANY • MINNEAPOLIS 8, MINNESOTA • CANADIAN PLANT • TORONTO 17, ONTARIO

Look for this brand name when you buy cream cheese

For a topping that doesn't go phoof!



With a spoon, whip a little milk into this soft snowy-white cream cheese. Just that easily you have a topping to turn an ordinary dessert into "something special." A topping that's rich and delicately fresh in flavor—and one that *stands up*. Be sure you get genuine Philadelphia Brand; it's *always* fresh.

FAR MORE FOOD SHOPPERS BUY PHILADELPHIA BRAND THAN ALL OTHER BRANDS OF CONSUMER PACKAGED CREAM CHEESE COMBINED.

THERE IS ONLY ONE "PHILADELPHIA" CREAM CHEESE . . . THE BRAND THAT'S MADE BY KRAFT AND GUARANTEED FRESH.



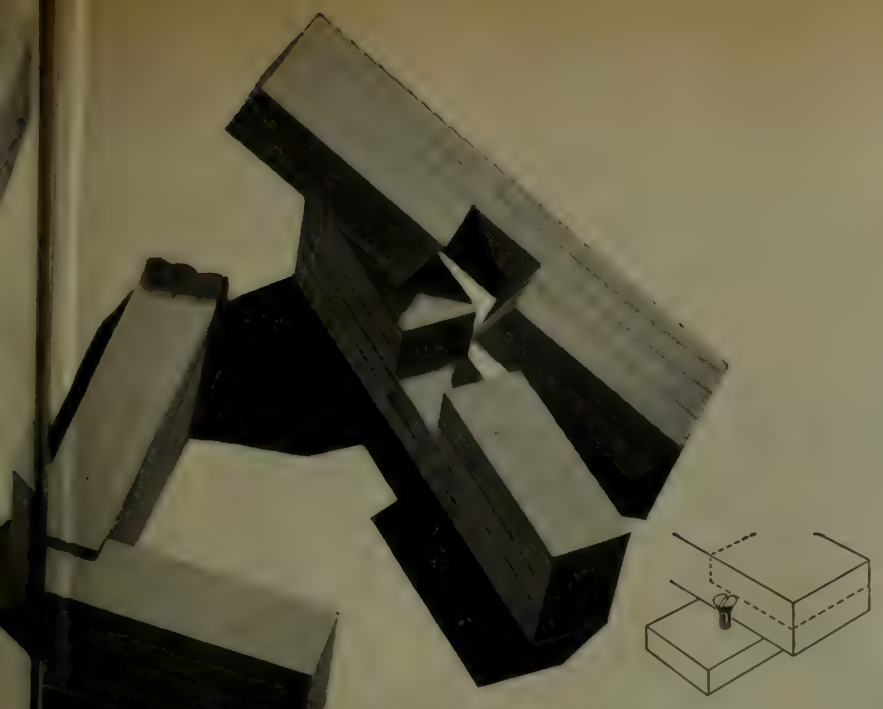
How to fasten two

Second of two articles: Simple joints you can make, how to use glue and metal fasteners

By John Webster



To hold a butted upright. A toenailed joint (1) will be at its best if you are careful not to slant the nails at too great an angle. Angle plates (2) can be attached singly or in pairs, on one or both sides of the upright. Wood cleats (3) are easy to make and use, and have the advantage of the strength given by two-directional nailing. Nail the cleat to the bottom board first, then nail on the upright.



To make a lapped joint, first mark saw cut for depth. Use depth gauge, or make one by turning a screw into a wood scrap so it projects half the board's thickness. Saw to depth mark, make extra saw cuts in waste, then remove waste with chisel

boards together

ON ROUGH or temporary jobs, you can fasten two boards together by butting them against each other and driving nails or screws (see page 94, January *Better Homes & Gardens*).

But to finish a job in a craftsman-like way, you'll want to strengthen joints and improve their appearance. With care and patience, you can do both, using ordinary hand tools.

Simple lapped joints can be made with a handsaw and a sharp chisel. Glue (page 176) will make any joint stronger. Metal fasteners often make a difficult job easy. Here are ways you can give your home carpentry a professional touch.



Metal plates. Among the joint-making aids at your hardware store are these metal plates. Each provides a quick, secure fastening. Pictured are a corner plate (1), a mending plate (2), and a screen corner brace (3). With metal plates, it is not essential that you miter right-angle corners, but mitering will give you a neater joint.

More pictures on page 173

EAGLE-PICHER Combination Storm Windows and Screens



You'll be surprised at how quickly you'll change from screens to storm windows when you have these aluminum *combination* windows. No more lifting or lugging . . . no tools or ladders needed! You change 'em in *minutes*, from inside the house. Slide out the screen, slip in the storm sash — *zip*, it's done.

You'll be delighted with the beauty these streamlined windows add to your home. Their soft gray finish, narrow frames, blend in with any house-style and color.

You'll be pleased with the fuel savings you get. The extra pane of glass, the carefully engineered weather-tight fit, reduce your heat-loss through windows as much as 30% —cut your fuel bills by many dollars per year! Expertly installed, they *can't* warp. You get *permanent* service . . . fuel economy.

And now you can get combination storm and screen doors and removable sashes for picture windows of the same durable, beautiful aluminum!

Made by the producers of Eagle-Picher Insulation for Homes

THE EAGLE-PICHER COMPANY, Dept. BH-28, Cincinnati (1), Ohio
Gentlemen: Without obligating me, please send particulars about the new Eagle-Picher Combination Storm Window and Screen. (Please check only one.)

☐ For present home ☐ For future home ☐ Students

*Name*_____

*Address*_____ *Zone*_____

*City*_____ *County*_____ *State*_____

EAGLE EP PICHER



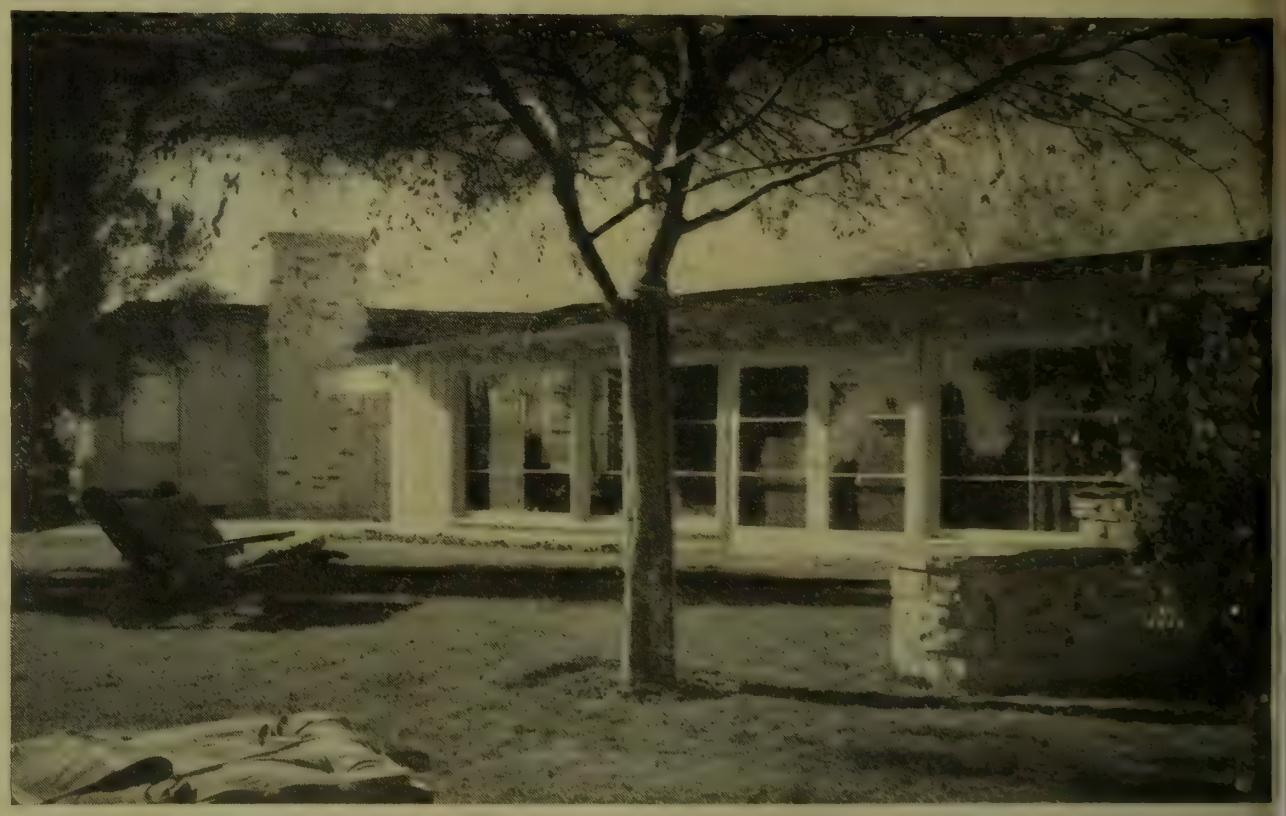
Once a terrace . . .



Photographs: Harry Baskerville

Now a porch!

By Elizabeth Gilrain



The Craigs had a terrace at the rear of their house, but needed more useful living space. The concrete made an excellent subfloor. Now the Craigs still have enough terrace (far left) to enjoy, and a porch besides. Large glass areas are in scale with the rest of the house, are easy to see out of, and easy to keep clean. Getting an attractive pitch for the roof was the big problem, solved with a low shed roof

YOUR terrace can become another all-weather living room—without too much expense, and without spoiling the lines of the rest of your house.

Take the home of Mr. and Mrs. Talton R. Craig, Sr., in Canoga Park, California. There an odd-job room was needed—for reading, lounging, and entertaining guests. The designer, Cliff May of Los Angeles, solved the problem by planning a porch that enclosed most of the original terrace.

The porch is built from the same materials as the house itself, and is tied in so skillfully that it looks as if it had always been there. Its long glassed wall keeps out the weather without shutting out sunlight or view.

More on page 20

ow to get fine steaks every time ...



SWIFT'S

Just look for a Swift brand:

SWIFT'S PREMIUM,
SWIFT'S SELECT or
SWIFT'S ARROW

right on the meat!

YOU'LL ALWAYS GET FINE BEEF if you buy by a Swift brand name. *Right on the meat*, the brand name identifies beef selected by Swift experts for tenderness and flavor . . . the pick of all the vast amounts they see. *Swift's Premium*, *Swift's Select*, and *Swift's Arrow*—those are the three top brands. Look for them . . . on thrifty cuts or choice ones . . . whenever you buy beef. Now especially, when every morsel counts, your best buy is beef you can *depend* on, to the last tender tidbit!



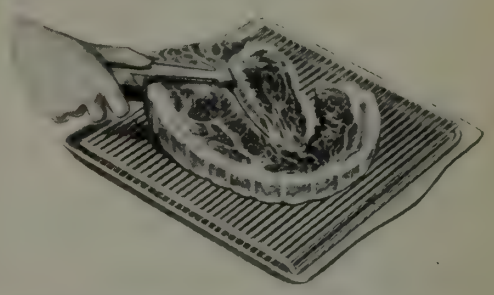


Martha Logan

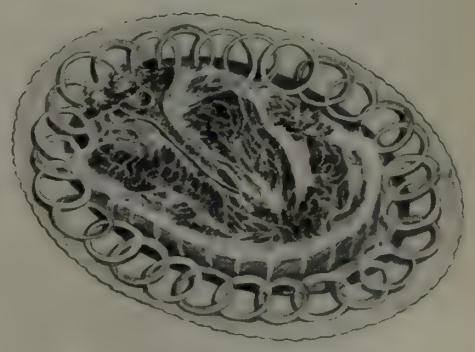
Swift's Home Economist, tells you

HOW TO GIVE A STEAK A BREAK

EVEN THOSE FINER Swift branded steaks are better for proper broiling: Slash fat along edge in several places to prevent curling. Preheat broiler. Place steak on broiler rack 3″ from heat source. A 1½″ steak takes 10 min. each side for rare, 12 min. for med., 13 min. for well done.



TURN STEAK CAREFULLY to avoid piercing—tongs are best. To test for *doneness*, cut along bone with a sharp knife and *peek!* Season each side of steak after it is browned, not before. And *do* serve the steak on a really hot platter. A garnish of rosy onion rings (marinated in pickled beet juice) is an epicurean touch.



NO NEED TO WASTE A BIT of that Swift branded steak. Leftover fat may be cut in bits and used in hash browned potatoes. The flank end (less tender than the other two muscles) can make another meal—sliced fine for meat pie, sandwiches, salad, or meat sauce for a noodle or rice casserole.



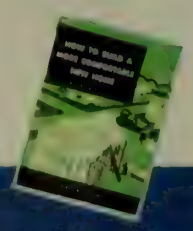
"This is my kind of a house, Mister!"

f you really want to find out about the materials that go into a ood house, it's not a bad idea to talk to one of the carpenters. One f the new materials he'll probably tell you about is Armstrong's Temlok®—the sheathing that adds so much strength to exterior valls and the lath that provides a strong base for plaster.

Armstrong's Temlok is made of wood, separated into fibers which re then formed into boards that are both strong and light in weight. There are millions of tiny still-air spaces between the fibers that eep heat from going through. That's why a house built with Temlok is warmer in winter and cooler in summer.

With all these advantages, Temlok costs no more than ordinary naterials. Actually, it saves you money. The big, convenient boards f Temlok Sheathing and Lath go up fast, cutting labor costs. And orever after, your fuel bills are smaller because Temlok stops heat oss. Ask your lumber dealer for samples and complete infor- nation about Armstrong's Temlok before you build or remodel.

WRITE FOR FREE BOOKLET, "How to Build a More Comfortable New Home." It's packed with ideas about building methods and materials, illustrated in color. Write to the Armstrong Cork Company, Building Materials Division, 4902 Farnum St., Lancaster, Pennsylvania.



ARMSTRONG'S TEMLOK

ne of the building materials made by the makers of Armstrong's Linoleum

Terrace into porch

Begins on page 1



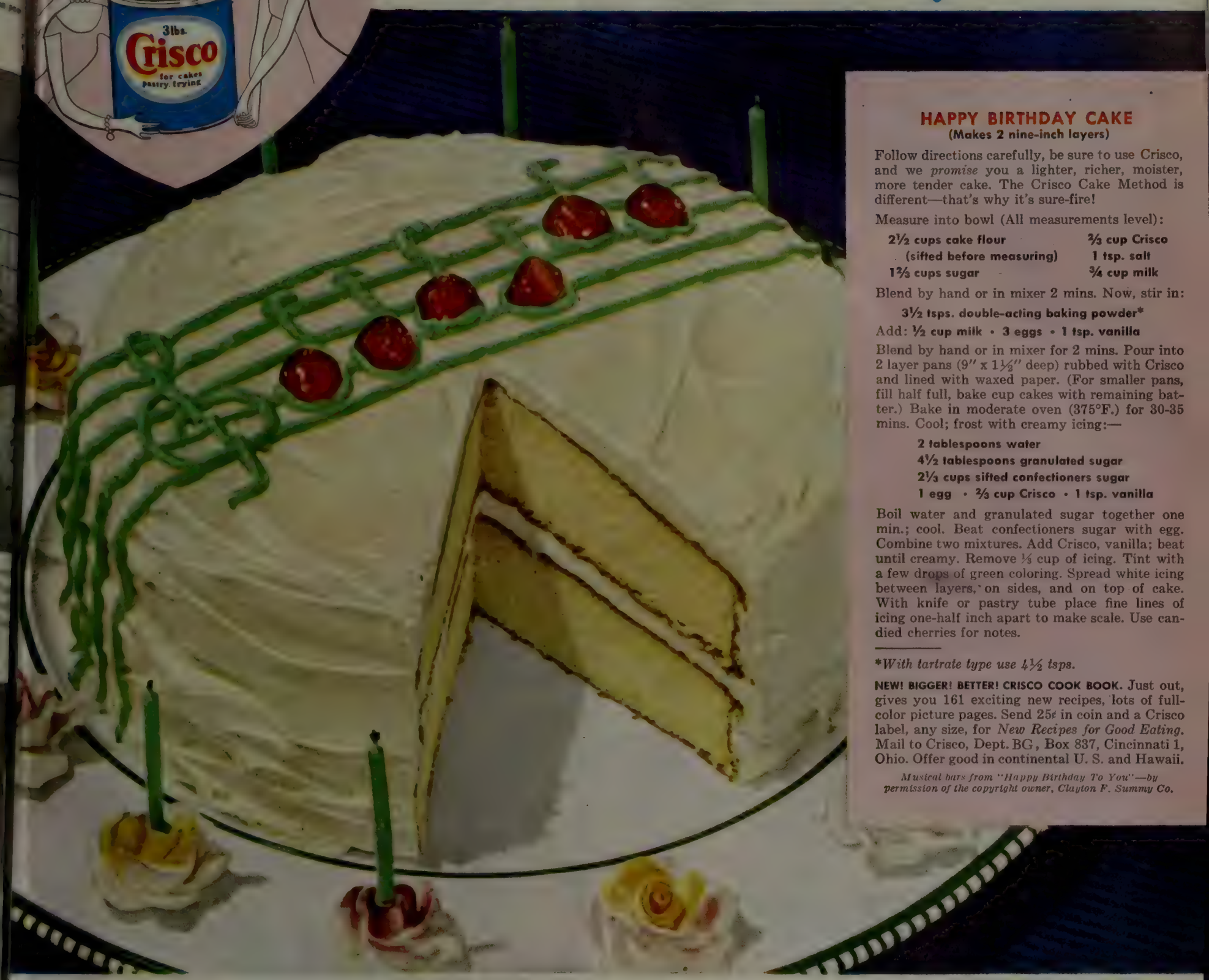
Translucent glass in the bay window of the breakfast alcove permits light to enter, but provides privacy from the porch. Planting box at base of bay helps maintain the outdoorsy feeling on the porch. Interior walls are flush paneled; floor is asphalt tile; ceiling beams are exposed



Both ends of the porch taper into a V where the porch joins the house. At one end is a combination magazine rack, display shelf, and storage unit. Backs of the three racks are sloped so magazines stand upright. Note space heater which is built into storage unit between two cabinets

Crisco—the One and Only—Discovered this Better Baking Secret!





HAPPY BIRTHDAY CAKE

(Makes 2 nine-inch layers)

Follow directions carefully, be sure to use Crisco, and we *promise* you a lighter, richer, moister, more tender cake. The Crisco Cake Method is different—that's why it's sure-fire!

Measure into bowl (All measurements level):

2½ cups cake flour (sifted before measuring)
1⅔ cups sugar
⅔ cup Crisco
1 tsp. salt
¾ cup milk

Blend by hand or in mixer 2 mins. Now, stir in:

3½ tsps. double-acting baking powder*

Add: **½ cup milk • 3 eggs • 1 tsp. vanilla**

Blend by hand or in mixer for 2 mins. Pour into 2 layer pans (9" x 1½" deep) rubbed with Crisco and lined with waxed paper. (For smaller pans, fill half full, bake cup cakes with remaining batter.) Bake in moderate oven (375°F.) for 30-35 mins. Cool; frost with creamy icing:—

2 tablespoons water
4½ tablespoons granulated sugar
2⅓ cups sifted confectioners sugar
1 egg • ⅔ cup Crisco • 1 tsp. vanilla

Boil water and granulated sugar together one min.; cool. Beat confectioners sugar with egg. Combine two mixtures. Add Crisco, vanilla; beat until creamy. Remove ⅓ cup of icing. Tint with a few drops of green coloring. Spread white icing between layers, on sides, and on top of cake. With knife or pastry tube place fine lines of icing one-half inch apart to make scale. Use candied cherries for notes.

**With tartrate type use 4½ tsps.*

NEW! BIGGER! BETTER! CRISCO COOK BOOK. Just out, gives you 161 exciting new recipes, lots of full-color picture pages. Send 25¢ in coin and a Crisco label, any size, for *New Recipes for Good Eating.* Mail to Crisco, Dept. BG, Box 837, Cincinnati 1, Ohio. Offer good in continental U. S. and Hawaii.

Musical bars from "Happy Birthday To You"—by permission of the copyright owner, Clayton F. Summy Co.

It's lighter!—It's richer!—It's made with Crisco!

Make a cake the Crisco way and you'll never go back to old-fashioned methods, old-fashioned shortenings! Here's why you can be sure:

You see, pure, all-vegetable Crisco has a wonderful baking secret you find in no other type of shortening. And all Crisco's famous Success Cake recipes are built around that secret. What does that mean to *you?* Lighter, richer, moister, more tender cakes than you'll get with any other type of shortening, or ordinary recipe!

It's quick! A Success Cake takes 4 minutes to mix! There's no creaming, no long, tiresome beating. It's foolproof! Crisco's Success Cake method gives you luscious cakes *every time!*

Of course, pure, creamy Crisco adds extra goodness to any cake, any recipe. But for cakes at their delicious best, you want Crisco *plus* the Crisco Success Cake method. *Try it today!* Discover another big reason why more women are cooking with Crisco than any other vegetable shortening!



For cakes and pies and tasty fries!





USE CRISCO

IT'S DIGESTIBLE!

e side wall tires, optional at extra cost.

Beauty fore and aft plus the "Mid Ship" ride

There's a NEW Ford in your future

Ford's out front in styling with the look of the year! Long graceful lines and its new low center of gravity give it that "Dream Car" silhouette.

You Ride "Mid Ship" . . . seats are placed *between* the wheels, not over the wheels. The center of gravity is lower to give you a new road-hugging ride.



New "Hydra-Coil" Front Springs and new "Para-Flex" Rear Springs soak up the bumps.



100 H.P. V-8 . . . In both and SIX you get new, ecc ical "Equa-Flo" Cooling, new" Breath" manifolding and a lubrication system.



95 H.P. SIX . . . Ford's new cylinder power house is on the two big "Equa-Poise" eng you can pick for your Ford. savings up to 10%.

How to

Shape their habits

Whether your child's habits are good or bad depends on you. You can make an ally of habit

By Daisy Jenney Clay

GOOD habits are like tomatoes. They're a fine thing but don't just happen. It's up to you to plant and cultivate them. Here's how.

1. Start with a limited goal. Your child can't learn a dozen points at once. Concentrate on one or two things. Attempt to cover the whole behavior at once and you'll fail. Your child will feel that no matter how hard he tries, he can never please you. There is always *something* wrong. So see that one goal is reached before going on to the next.

2. Look ahead and anticipate difficulties. As much as possible, keep ahead of the game—foresee situations and guide your child's reactions into the desired channels.

A friend of mine raises chickens. When her young chicks are graduated from brooder to coop, she spends several evenings seeing to it that they go to sleep in the proper roosting corner. They never get a chance to form the habit of sleeping in the wrong place. Chickens and children are different, but the principle holds. If you delay starting a good habit until its opposite is set, you have one strike against you to start with.

3. Take the positive approach in changing bad habits. If a poor habit is there to be dealt with, let's be, even here, positive. Don't break the bad habit, but replace it with a good one. Instead of "Don't come into the house with those muddy feet!", get a door mat and say cheerfully, "Wipe your feet!" It requires patience, time, and effort the first few days, but think of the time, effort, and unpleasantness you are saved afterwards.

4. Make good habits satisfying. We must remember that repetition alone will not do the trick.

It is repetition plus satisfaction that forms a habit. When we get Johnnie to do something we want to become habitual, we must see to it that he gets some kind of pleasant reaction from it. Virtue may be its own reward, but not to a child or a teen-ager. The least we can reward him with is a hearty "That's fine!" not an ungracious, "Well, you see you can do it when you want to!"

I'm not for paying our children to be good, but I strongly believe in giving them a reward in recognition—not a bribe, but a reward. We give rewards to our boy scouts, and to our soldiers, and we don't consider them bribes. They are like the grade of 100 on the examination paper. It wasn't much fun handing in papers when the teacher didn't mark them. Remember?

5. Keep your sense of humor. Let's not spoil the satisfaction end by lack of good humor. Take it for granted that habits are hard to break and hard to form. I had a lesson in this regard when I changed the place where I kept my reading glasses, and I reached mechanically for the old place several dozen times before I established the rhythm of using the new one. Their brakes and their self-starters are weak. "I forgot" and "I didn't think" are the stock alibis of our children—and perfectly justified.

So keep the understanding twinkle in your eye as you give needed reminders. A sense of humor helps immensely. One mother I know, observing the various places her young son dropped his coat and hat when he came into the house, put up "No Parking" signs in these spots. It worked—with laughter.

6. Teen-agers may backslide. At adolescence, so many good habits which we had thought were set into our children's character seem to melt away overnight. Our youngsters are trying their wings, evaluating the family attitudes and ways of living. But eventually they come back into the familiar groove. It helps if we parents do not become panic-stricken. In adolescence our children must, it seems, be like the others of their crowd. So if we are wise, we will bend every effort to see that they have friends whose pattern is a desirable one.

These teen years bring unfamiliar situations and new problems to our youngsters. Their inexperience and confusion make doubly necessary that we help them, without undue interference and direction, to form good life patterns.

It takes wisdom and it takes work, but that's what makes a parent's life rich.

A Better Homes & Gardens child care and training feature



"I put wings on breakfast —with this quick, can't-fail coffee!"



Lady, *your* husband will murmur "Strictly from heaven!"—when he gets his coffee pronto and just right every morning. That's the magic of Nescafé*...!

Magically convenient! Just measure Nescafé to suit taste—add piping hot water and stir. Coffee's ready—*perfect* coffee! No guesswork for strength you like. And as easy to make coffee for all as to make a single cup.

Magically fresh! With all the flavor and "lift" of freshly brewed coffee. Because Nescafé's choice, selected coffees *are* freshly brewed by experts. Then all the goodness is *sealed into* Nescafé by added carbohydrates until you release it *fresh* in the cup.

You'll spend less time in the kitchen when you serve Nescafé—for breakfast, lunch, dinner, or any time between. Always keep a jar on hand. Get Nescafé today—in the regular size or big economy size jar.



Heavenly Easy-to-get Breakfast

FRESH-FROZEN ORANGE JUICE
No squeezing

READY-TO-EAT CEREAL
WITH FROZEN PEACHES
No cooking or peeling

NESCAFÉ

No pot, no grounds—
just add piping hot water

If you like good coffee, you'll love Nescafé! Try it—see why more people drink Nescafé than any other instant coffee!

NESCAFÉ makes coffee right— every morning, noon or night!



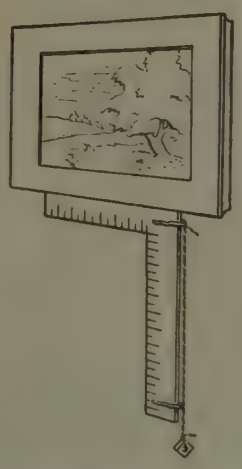
Nescafé cuts coffee bills, too!

Serve Nescafé as your *regular* coffee—and save! Even a small jar makes about as many cups as a pound of ordinary ground coffee—*yet costs less in actual cash.*

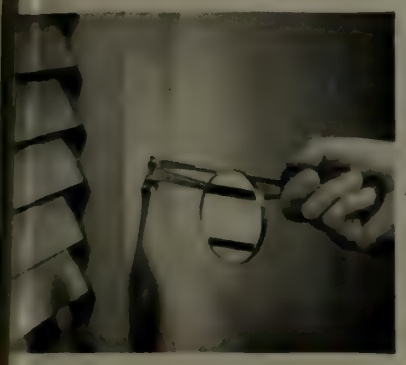
GET THE BIG ECONOMY SIZE JAR

*Nescafé (pronounced NES CAFAY) is the exclusive registered trade-mark of The Nestlé Company, Inc. to designate its soluble coffee product. It is composed of equal parts of pure soluble coffee and added carbohydrates (dextrins, maltose and dextrose) added solely to protect the flavor.

How-to for the handy man

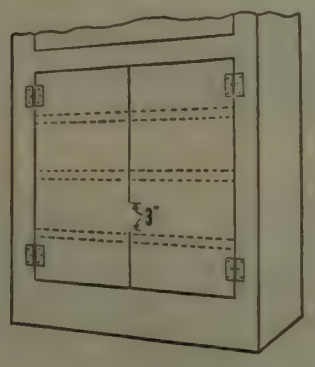


uare becomes level. With a carpenter's ➔ are, you can straighten a picture or do nost any leveling job. Slip two bobby pins on are as sketched. Let each protrude 1/8 inch. string weighted with a nut to top bobby pin. t short arm of square against bottom of pic- e. Tilt frame until string touches bottom pin



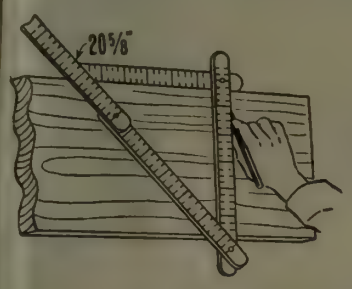
← **Mirror for inspecting callers.** To help your wife decide whether to open the back door for a peddler, install an automobile side-view mirror outside adjoining window. Adjust it so she can see the caller without being seen

anging cabinet doors. Doors on ➔ ome-built cabinets often bind. To void, cut plywood full size of both oors. Saw on line down center, mak- ng bottom cut higher than lowest helf and within 3 inches of top cut. enter plywood on cabinet and at- ach with brads. Attach hinges. Saw way remaining 3 inches of wood, re- nove brads, and the doors will fit



Keying a mitered joint. A good way ➔ o get a tight, permanent joint with a mitered corner, as on a picture frame, s pictured at left. After the pieces of the frame are clamped together as shown, make a saw cut in the edge of the corner. Then cut a wooden key to fit, smear it with glue, and tap it into place. Leave the clamp on the corner until glue has hardened completely

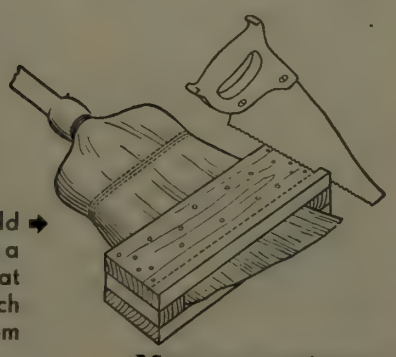




← **Squaring with a rule.** You can square the end of a narrow board with a folding rule. Fold the rule as sketched, lay it on the board, and bring top corner of first section even with 20⅝-inch mark. Mark as shown



← **Drilling metal.** Making a hole in metal is a wearisome job—unless you use a sharp carbon-twist drill. Then it's easy Clamp metal to workbench. Mark spot for hole, and dent surface with a steel punch. Set point of drill in the indentation and start cranking. When hole is through, file the edges



New life for old brooms. To renew an old ➔ broom, make a frame of wood scraps. Use a spacer block the thickness of the broom at each end. Drive extra nails. Saw off 1/2 inch of the frame, cutting square end on broom

More on next page



Old Colony furniture

"Home-Planned" with a view to your future

YOU'LL like the friendly, traditional air of hospitality which Old Colony brings to your home. As the years go by, you'll appreciate more and more its lasting comfort, fine woods, and honest craftsmanship. Best of all, is the way Heywood-Wakefield's "Home-Planned" designs look ahead—to make sure of continuing harmony as you add to the living room, dining room and bedrooms of your growing home. You'll find real decorator's magic in the way the exclusive "Winthrop Maple" finish goes so well with such a variety of decorative treatments. Do see Heywood-Wakefield Old Colony at your store specializing in fine quality furniture.



HEYWOOD-WAKEFIELD
EST. 1826



Yes, old Colony is designed to bring pleasant harmony, luxurious comfort and distinguished beauty to dining and bedrooms as well as living room!



Make Your Home Express You As You Want to Live

Ready for you now is this helpful new book by Gladys Miller, prominent decorating consultant! 24 colorful pages of practical furnishing and decorating ideas—how to mix-match traditional furniture with modern accessories—how to make the most of the sensible "Home-Planned" Old Colony designs throughout your home. Mail coupon with 25¢ for your copy today.

Heywood-Wakefield Company, Dept.BH-2
Gardner, Mass.

I enclose 25¢ for my copy of your new decorating book, "Old Colony Furniture" by Gladys Miller.

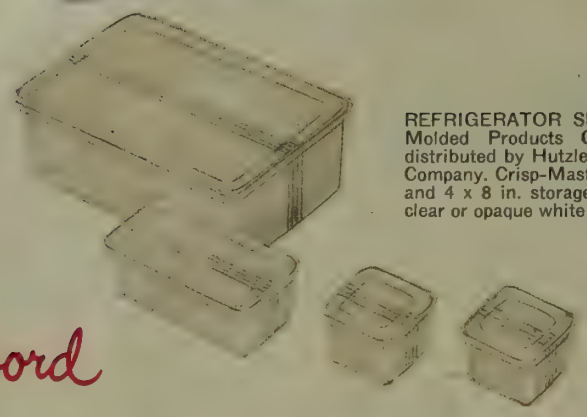
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"The **BUY-WORD** *for Better Plastics*"
in
HOUSEWARES

MADE OF
STYRON



REFRIGERATOR SET—by Chicago Molded Products Corporation and distributed by Hutzler Manufacturing Company. Crisp-Master with 4 x 4 in. and 4 x 8 in. storage dishes. Crystal clear or opaque white with clear cover.

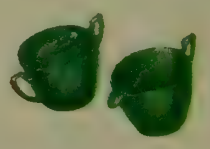
a word
to the wives
is sufficient!





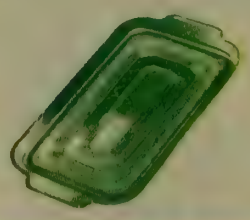
WATER PITCHER—By Amos Molded Plastics—Beautifully designed, easy to handle. Holds 2½ quarts. Complementing colors or red, yellow or ivory.

← BOWL—By Alladin Plastics, Inc. Indispensable to the smart homemaker. Bright in color and excellent in design. Red, blue, green or yellow.



CREAM AND SUGAR SET—By Plas-Tex Corporation. Adds a festive note to any table for all meals. Smooth design, gay colors of blue, red or green.

SERVING TRAY—By Columbus Plastics Product, Inc. In transparent crystal, rose, blue or green. Heavy wall sections assure rigidity. Serves many needs.



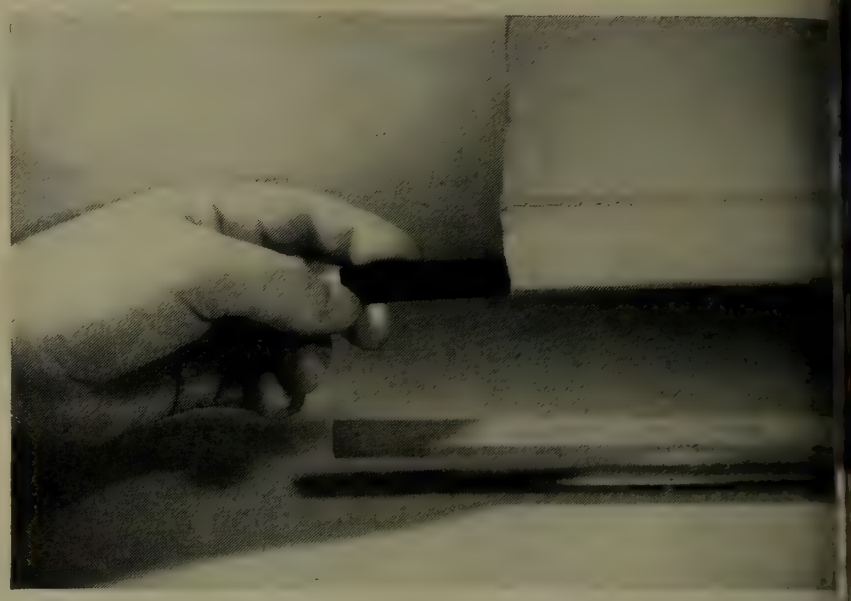
The wise homemaker looks for the Styron label on all plastic items because she knows it stands for dependability and that every product bearing the STYRON label has met the standards of Dow's Consumer Product Evaluation Committee. ◇ You, too, will prefer STYRON (*Dow Polystyrene*) housewares because they're smooth, pleasant to handle, lightweight and amazingly durable, and so low in cost. When you shop for housewares, *specify* STYRON, *and be sure!* Above items sold at leading department stores, chain stores and variety stores everywhere.

Dow Plastics

PLASTICS DIVISION HP-4 ● THE DOW CHEMICAL COMPANY ● MIDLAND, MICHIGAN

How-to for the handy man

Begins on preceding page



Weighted window shade. If the wind is blowing, you usually must close a window before you pull the window shade. Otherwise the shade will be battered and torn by the breeze. To control shade without sacrificing ventilation, substitute a length of narrow strap iron for the wood slat



Dustproofing a picture frame. The next time you fit a picture into a small frame, you can easily do a dustproof job. In addition to the glazier's points or brads, hold the picture or mat in place with rope-type weatherstripping compound, made for sealing openings around windows



Giving wood a metal surface. Aluminum foil, available in rolls for wrapping food, can be used to give wood a metal finish. Coat the wood (such as the picture frame) with shellac, then apply the foil while the shellac is still tacky. Rub down the surface with a dry cloth to get a burnished finish. Should you prefer a satin finish, finish by rubbing over the foil lightly with fine steel wool

More on page 133

N.Y SERVEL

Stays Silent—Lasts Longer

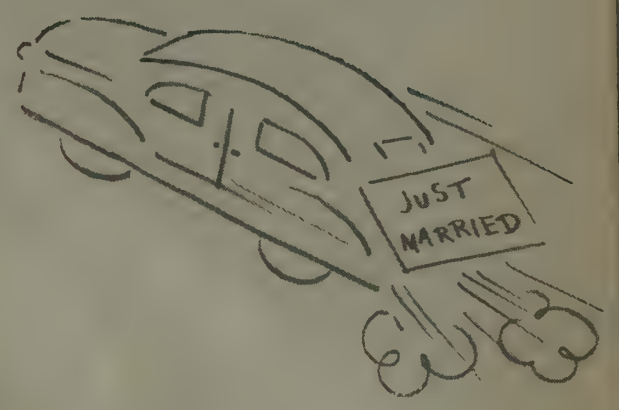
(no moving parts in the freezing system)



th birthday party, in 1930, Mother made ice ur new Servel. "*Can't* ever get noisy," she told oudly. "Servel is the one *different* refrigerator."



Eighteen years later, Bob and I got engaged. Mother made ice cream in the same Servel! "And it's still silent—like my solitaire," I said to Bob. "It'll be Servel for us, too."





Yes—it was a beautiful new Servel for our kitchen when we fixed up the old house we bought after our wedding. For only Servel stays silent, lasts longer. The secret? Only Servel has no moving parts in its freezing system. No motor or machinery. Just a tiny gas flame does the work.

I love Servel's *new* conveniences, too. For fresh and frozen foods, it has every feature I want.

This story is typical. Writes Mrs. Floyd Buck of Middlebourne, W. Va., "Our son was a baby when we got our Servel. Now he's 20 and we've never had a thing wrong with our Servel."



BEFORE YOU CHOOSE ANY REFRIGERATOR...

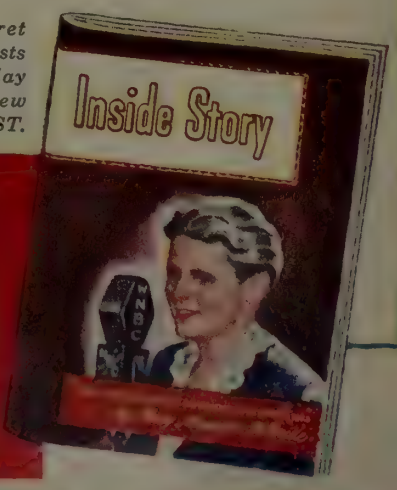
Get this FREE book

says Mary Margaret McBride
Famous Radio Reporter

Every new refrigerator *looks* beautiful. But how long will it last? Will it grow noisy and run up repair bills? In her delightfully entertaining new book, radio's famous Mary Margaret McBride tells what makes the real difference in refrigerators.

Get your free copy of "Inside Story" at your Gas Company or neighborhood Servel dealer. Don't put it off. Stop in today. There's no cost, no obligation. You'll enjoy it.

Mary Margaret McBride broadcasts Monday to Friday over WNBC, New York, 1:00 PM, EST.



STAYS SILENT . . . LASTS LONGER

Servel

The GAS Refrigerator

y new convenience!... See the new Servels at your Gas Company or your borhood dealer. (For farm and country homes, Servel runs on Bottled Gas—Gas—Kerosene.) Servel is also maker of the Servel *Ball-Type* Water Heater he Servel *All-Year* Air Conditioner. Servel, Inc., Evansville 20, Indiana. In la, Servel (Canada) Ltd., 548 King Street West, Toronto, Ontario.



Never Before
a Floor Like This!

It's new! It's plastic! It's made of "Vinylite"!

re beauty for your floors . . . more leisure for you with FLOR-EVER! is new, miracle floor covering practically eliminates upkeep—retains original good looks—takes top honors for long wear! Made of especially mulated Vinylite Brand Plastics, it's stain-, spot- and skid-resistant, mune to alkalis, quiet and resilient to the step. You will want FLOR-EVER its floor-flattering appearance, its practical price and its many time- ing, work-saving features. If your favorite store does not yet stock new OR-EVER, write us and we will send you the name of your nearest dealer.

DELAWARE FLOOR PRODUCTS, INC., Wilmington 99, Delaware

manufacturers of "Wall-Ever" Plastic Wall Covering and "Duralin" Enamel Floor Covering



Know your evergreens

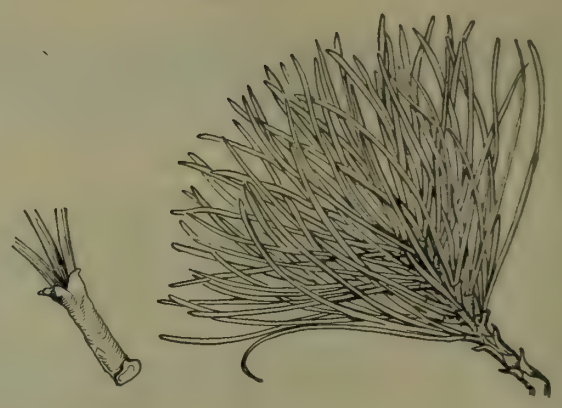
By Ralph K. Andrist

IF YOU can identify more than one or two of the cone-bearing evergreens without the help of a nurseryman's tag, you're an exceptional person. Most of us never get beyond the stage of referring to them all indiscriminately as Christmas trees.

It's easy enough to get discouraged when one tries to learn about evergreens. Right at the beginning we are confused to discover that the common redcedar isn't a cedar at all but a juniper. And we give up the fight when we discover that some evergreens like the larches aren't evergreen at all, but lose their needles in the autumn.

Even the species within the same genus are often bewildering—pines, for instance, range all the way from the majestic white pine to the squatty Mugho.

But if you go about it right, you'll find it easy to know your evergreens, and you can make a good start by learning to identify these seven most common genera.



PINE (*Pinus*) trees make a good starting point because they're hard to confuse with any other evergreen. The long needles arranged in clusters make the twigs look like bushy brushes and are unmistakable. For a foolproof indentification, you'll find that the needles are bound together in bundles of two to five (one single species has only one needle to a bundle) and the bundles are fastened to the twig in a sheath.



YEW (*Taxus*) is probably our most valuable ornamental evergreen with its good looks, hardiness, and large variety of handsome forms. You can identify a yew by its blackish-green leaves with their shining, leathery appearance and pale-green undersides; they are usually arranged in two flat rows, one on each side of the stem. Unlike pines, firs, spruce, and hemlock, yew trees are either male or female, and a sure sign of identification is the soft, scarlet cup-shaped berries on the female tree.

More on page 136

Can wives work money-miracles today?



"Miracles can happen!" says your CANNON GIRL. Yes, now you get an even better sheet for not a penny price rise!



Your favorite Cannon Percale Sheets are now COMBSPUN... combed till only the long, smooth fibers remain!



So dream-soft! You'll sleep like a FAIRY TALE QUEEN. So fine woven... with over 25% more threads than best-grade muslins!



So STRONG too (for longer wear). Wonderfully LIGHT WEIGHT (for easier bedmaking and laundering).



Yet Cannon Percale Sheets... with new Combspun luxury... still cost just SMALL-CHANGE more than heavy-duty muslins.



Here are the magic words to say at your sheet counter: "New COMBSPUN CANNON PERCALES, please!"

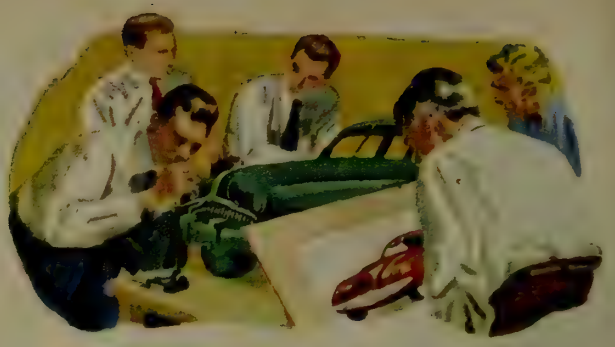
Cannon Percale Sheets—Now They're Combspun

TRADE MARK CANNON

CANNON TOWELS . . . STOCKINGS . . . BLANKETS ★ CANNON MILLS, INC., NEW YORK 13, N. Y.

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Many are called but few are chosen. *In developing new models, GM stylists consider hundreds of sketches — also make and study miniature clay sculptures.*



Proof that you can see better. *In this test of new designs, bulbs — placed where driver's eyes would be — cast light patterns which show your "seeing area." Results? Better visibility, safer driving.*

Key to sound styling



Checking for comfort *— models of the finished interior are "tried on for size" by representative riders of all builds. Engineers carefully check head-room, leg-room, seat angles, instrument vision, with actual people serving as "human yardsticks."*

All the new GM cars for 1949 are on display this month.
And one good look tells you how *sound* their styling is—as well as how smart.
You enter easily into spacious interiors, with high visibility and
deep-seated comfort. You enjoy superb trim and fittings,
find evidence of thorough planning on every hand.
For your 1949 GM car is not merely a work of the stylist's art. Into each has gone
months of work in research, engineering and production that combine to give it
comfort, convenience, performance and durability along with surpassing beauty.
That's why so many people already are saying that GM
sets the pace in the 1949 automotive parade.

THE KEY TO A GENERAL MOTORS CAR

Your key to Greater Value



"More and better things for more people"

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NOW! HENRY J. TAYLOR on the air every Monday evening over the ABC Network, coast to coast.

Suit your kitchen to YOU

When you make changes in your kitchen or plan a new one, keep your needs and those of your family foremost in mind

By Ellen Day

SURE, you'll want to check the latest stepsaving kitchen ideas. But don't be afraid to toss in a few ideas of your own. Arch Robison of Middletown, Ohio, has twin daughters so he planned a kitchen to suit them. You'll notice, in the picture below, both girls can work without jostling each other. Mrs. Bregman of Glencoe, Illinois, had a bright idea for the windows in her kitchen. See page 32.

A kitchen built for two

Photographs: Hedrich-Blessing



Kitchen has two preparation centers, so it can accommodate a twosome cooking team. Arch Robison of Middletown, Ohio, designed it for his twin daughters. Working area is U-shaped, with sink and dishwasher at center, preparation counter and range at right, a second preparation counter and the refrigerator at left. Large windows give maximum light

More on next page

"Company dinner for 8 at less than 25¢ a serving"

Martha Logan
SWIFT'S HOME SERVICE

Swift's Prem

A SWIFT QUALITY FOOD

Delicious Money Saver!

Glamorous meals with real economy . . . made with Swift's Prem* . . . meat bargain of the year . . . that tempting, *different, two-meat* combination . . . *tender beef added* to fine pork shoulder. Try this favorite recipe:

*Serve 8 at less than 25c** per guest . . .*

Martha Logan's Sweet Potato PREM LOAF

Open 2 cans of *Prem*. Place end-to-end on cookie sheet or baking platter. Mix together 3 cups mashed *sweet potatoes*, 3 tablespoons *butter*, 1 tablespoon grated *orange rind*, ½ teaspoon each *salt* and *nutmeg*, ¼ teaspoon each ground *cloves* and *mace*. Spread over top and sides of Prem. Sprinkle with sliced blanched *almonds* and coarsely grated orange rind rolled in sugar. Bake in moderate oven (350°) 30 minutes. Serve with string beans and buttered onions.

Balance your meat budget with today's meat-value bargain . . . **THAT DELICIOUS ALL-MEAT COMBINATION OF PORK AND TENDER BEEF . . .**

Swift's Double Flavor Prem

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**Typical retail prices at time of going to press.

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o matter how you sleep or what you weigh,
you sleep better on an Englander

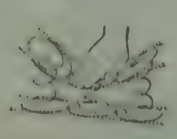


Englander Red Line brings you the first
really new mattress idea in 50 years

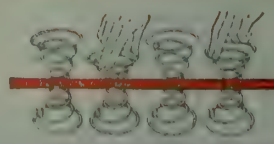
YEARS THIS... FOR YEARS THIS... NOW! INDIVIDUAL SPRING ACTION



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Coils tied together at top and bottom by wire. This method prevents individual spring action.



Completely individual spring action exclusive with Englander because coils are locked *only at the center* by flexible ribbons of steel.

Upper half gives you cushioning comfort. Every movement and contour of your body is gently cradled. "Roll-to-the-middle," when sleeping double, eliminated. Lower half supports your weight in the firm, healthful manner doctors recommend.

9, The Englander Company, Inc., Chicago, Illinois

The new Super Bodyguard—$49.75. Other Englander Red Line mattresses (twin or full size) or matching box springs to $79.75.

Suit your kitchen to YOU

Begins on page 31



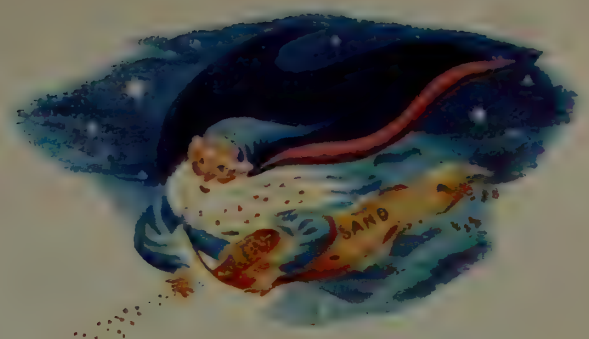
Pull-out maple board makes excellent cutting surface for meat and vegetables, as well as a pastry board. Shallow cabinet above counter holds spices and seasonings. Bin-type door on this cabinet closes to give a rounded finish to wall cabinet. Glass blocks over counter make splash-back an extra source of light and an attractive modern trim. Below counter is cabinet with slotted storage for trays, pans, and cooky sheets

Kitchen with ideas all its own



Breakfast bar and a latticed partition divide the dinette from the business end of this kitchen which belongs to Mrs. Walter Bregman of Glencoe, Illinois. Paper on the end wall offers contrast with its floral pattern. Bench tops in dinette are black leather, floor and counter tops are black linoleum. Cabinets and drawers you see in picture store dishes, glasses, silverware, and linens within handy reach of the table. Outlining the window over counter are ivy plants in white pots; no curtains are needed

MAKE A *Graceful Entrance* INTO DREAMLAND





PHOTOGRAPH BY CARRA

***The scene above** is taken from the new color movie, "The Story of a House," soon to be shown in leading department stores throughout the country.*

"Good night, Sonny. You're off to see the Sandman . . . in a real dream room."

One feature that makes his room so nice, Mother, is the 7-ply Mengel Flush Door. Notice how exactly it matches your Weldwood-paneled walls. And isn't the crisp, clean beauty of birch just right for a young fellow's room?

Of course, these attractive doors are also made in other fine woods such as mahogany, walnut and rift oak.

And, if you want to match painted walls, there's the Mengel Flush Door faced with gum wood. This moderately-priced southern hardwood gives you a satin-smooth surface for paint.

So you see, 7-ply Mengel Flush Doors can fit your decorative scheme perfectly . . . all through the house.

You and Dad will be interested in the construction, too. Mengel's patented Insulok core holds warping, shrinking and swelling to an absolute minimum. It gives you a door that's finger-tip light and unbelievably easy to handle.

And when it comes to housekeeping, you're going to like your Mengel Doors more every day. The smooth, unbroken surface offers no place for dust and dirt to cling. A quick whisk with a damp cloth, and they're clean.

Whether you're building or remodeling, plan to have these beautiful doors in your home. For help in planning, send the coupon for our free booklet, "The Door to Charm." Learn how easy it is to make a graceful entrance for every room in your house.

* * *

Mengel Flush Doors and Weldwood Plywood are products of THE MENGEL COMPANY, *Louisville 1, Ky., and* UNITED STATES PLYWOOD CORPORATION, *New York 18, N. Y.*

Mengel Flush Doors and Weldwood Plywood are sold by lumber dealers who will be glad to show you samples. Or call at one of our showrooms.

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Complete Television-Radio-Phonograph Combination **Only $595.00**

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Put empty corner space to work

By Pauline Graves

CORNER arrangement of chests, bookcases, or storage units may make the best use of your floor space. But to use the chests or shelves freely, you sometimes must leave the corner space between them empty. The result is a hole in the corner and wasted space. This shelf filler is one of the best and easiest ways to fill the space and put that corner to work.



Problem

Twin chests or bookcases often have to be placed in a corner spot to make the most of all the wall space in a room. But you'll find that when your chests are arranged this way there's a gaping corner hole



Photographs: Maynard Parker

Solution

Build a filler (like the one on top of the chest at right) to fit the corner, finish it to match the chests. Then drill screw holes in the side of one chest and in the brace of the filler



With the filler in place between the chests, you'll have a handsome, spacesaving corner counter for toiletries, flower arrangements, or books



*Today millions are enjoying *Yellow Durkee's* in quarter-pound prints!

In 30 states and the District of Columbia, Durkee's Margarine *looks* as good as it *tastes*. In these states, millions of lucky people are buying Durkee's all colored a luscious, table-ready yellow.

Mild and sweet and always country-fresh—it's the finest of spreads and the best for all your cooking and baking. Every pound contains 15,000 units of Vitamin A. Now on sale *yellow* in Alabama • Arizona • Arkansas • Colorado • Florida • Georgia • Idaho • Indiana • Kansas • Kentucky • Louisiana • Maine • Maryland • Massachusetts • Missouri • Mississippi • Nebraska • N. Jersey • N. Mexico • Nevada • No. Carolina • No. Dakota • Oklahoma • Rhode Island • So. Carolina • Tennessee • Texas • Utah • Virginia • W. Virginia • Dist. of Columbia.



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. . . you can get Durkee's fine Margarine—without the 10¢ Federal Tax—in either of these two ways:

1. In the easy-coloring package with the color capsule in the bag.
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AMERICAN-Standard

First in heating...first in plumbing

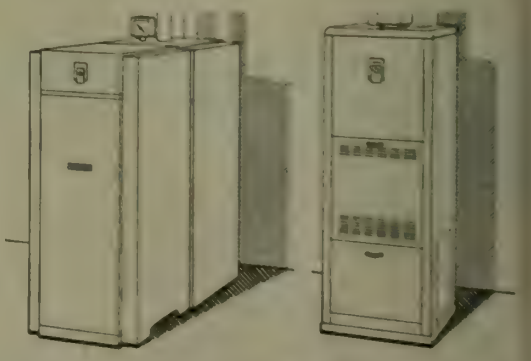


The Royal Hostess Sink—one of many beautiful sinks by American-Standard.

Kitchen beauty begins here

WHEN you buy a kitchen sink, choose American-Standard and you get the finest, both in looks and convenience. These sinks are made in one piece for cleanliness, of rigid cast iron for sturdiness, with a heavy coat of acid-resisting enamel for long life. Yet they cost no more. Many models to choose from, in a variety of colors and sizes. Time payments for remodeling. Sold through selected Wholesale Distributors to your Heating and Plumbing Contractor. Send for FREE HOME BOOK, your guide to heating equipment and plumbing fixtures for the whole house. **American Radiator & Standard Sanitary Corp.**, Dept. B92, Pittsburgh 30, Pa.

Look for this AMERICAN-Standard HEATING · PLUMBING *Mark of Merit*



American-Standard Heating Equipment covers any type of heating for any type of fuel. Shown are the oil-fired Arcoliner Wet Base Boiler and the gas-fired Chippewa Winter Air Conditioner.

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Better Homes & Gardens Five Star Home No. 1902 has simple beauty, can be air-conditioned efficiently

Your new home can be

Designed for air conditioning

By Frank Lopez

HOME air conditioning is here. It's no longer a dream, but something you should consider when remodeling or building, just as you do indoor plumbing and central heating.

Complete air conditioning should control temperature, humidity, air cleanliness, and air movement all 12 months of the year. But to provide that type of control, the system must be an integral part of house construction; space for it must be planned when your house is remodeled or built, even though you don't install the equipment immediately.

Air conditioning has gone a long way since its first introduction years ago. Now there are nearly as many types of air conditioners as there are heating devices, from portables for a single room to units built into homes to provide, automatically, coolness in summer, warmth in winter.

Present-day conditioners offer you not only cleaned air—but cleaned air sent at different temperatures to various parts of the house. With zoning controls, you can maintain one temperature in one part of the house, another elsewhere.

The conditioners clean the air by washing it in a water spray, by filtering it mechanically, or by precipitating the dirt electrically.

Some air conditioners fit in closets, others in kitchens; some rest on the attic floor; some hang from joists in the basement or rest on the basement floor. Portable air conditioners—used in summer only—fit single windows or can be connected to ducts to serve several rooms. Cabinet models can be fitted into a game room or laundry.

Air conditioners are run by gas, oil, coal, or electricity; gas-fired types especially come in several types.

If you're remodeling your house fairly extensively, air conditioning with a central system can be installed with reasonable economy. If you don't plan a major remodeling, it may be impossible to install an efficient system. Portable or room air conditioners may then be the answer.

IF YOU'RE building a new house, make sure the system is laid out by a heating man thoroughly familiar with air conditioning. Preliminary calculations and proper duct design are at least as important as the air conditioner's heating unit.

With some types, you get all the advantages of complete air conditioning only in the winter, when the heating plant is operating. However, you can use the blower, intended to circulate warm air in winter, to provide air circulation in summer also. If you use with that blower a fan to discharge warm air through the attic louvers, you can do much to cool your house in summer, as well.

THOUGH year-around air conditioning may cost more than a system that provides only heat, planning your house for air conditioning will make up much of the difference. And against that cost, measure the benefits derived. If yours is a hot and humid climate, you may want it for coolness alone. There's little doubt that properly designed air conditioning reduces the number and severity of colds. And with effective air cleaning, air conditioning is a boon to hay fever sufferers.

Because of the interest homeowners are expressing in air conditioning, *Better Homes & Gardens* has chosen as its Five Star Home 1902 a house in which air conditioning can be installed with efficiency and economy. Street side appears above; floor plan and more pictures are on the following pages.

→

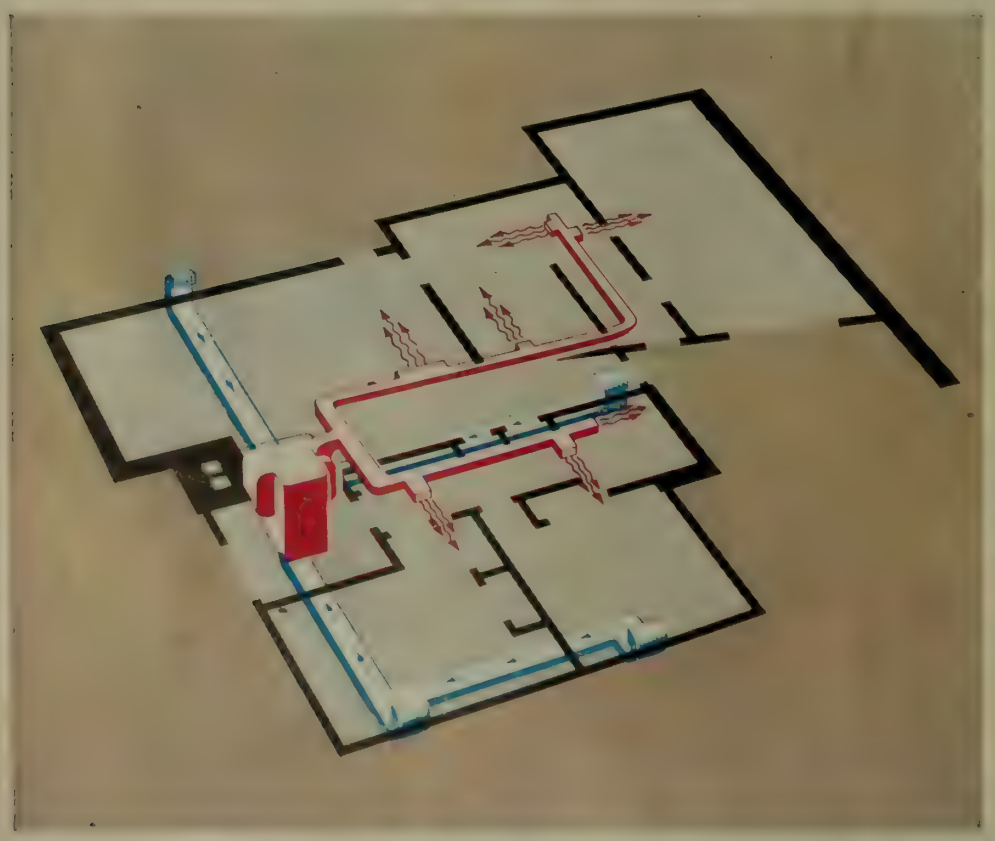
Better Homes & Gardens Five Star Home No. 1902 is

Planned around an entrance hall



The living-dining room presents this dramatic view just before draperies are pulled for the evening. Deep overhang keeps the summer sun and rain off windows. On both sides of fixed windows are floor-to-ceiling casement windows. Door at left opens onto the terrace

Here's the way the heating and cooling system works



Red lines indicate flow of warm air in winter and cool air in summer through ducts above closets. Blue lines indicate return air ducts under floor. In houses planned for air conditioning, you can omit basement, screens, and movable sash to offset extra cost of equipment

Hedrich-Blessing



End wall of living room, windows, and chimney form an eye-catching vertical composition at the side of house. Top-hinged windows project out when open to keep rain out. Double doors open from equipment room

Concealed from passers-by, rear of house contains big glass areas, presents a pleasing combination of long lines and broad planes. Fine texture of the brick contrasts with horizontal lines of redwood siding. Dark window trim doesn't detract from view

By John Normile, A. I. A.

ALL too often these days, cost becomes a more important factor in building a house than does comfort. In looking for a place to cut costs, one of the best seems to be a hallway. Halls take up costly space that could be put to better use in other rooms.

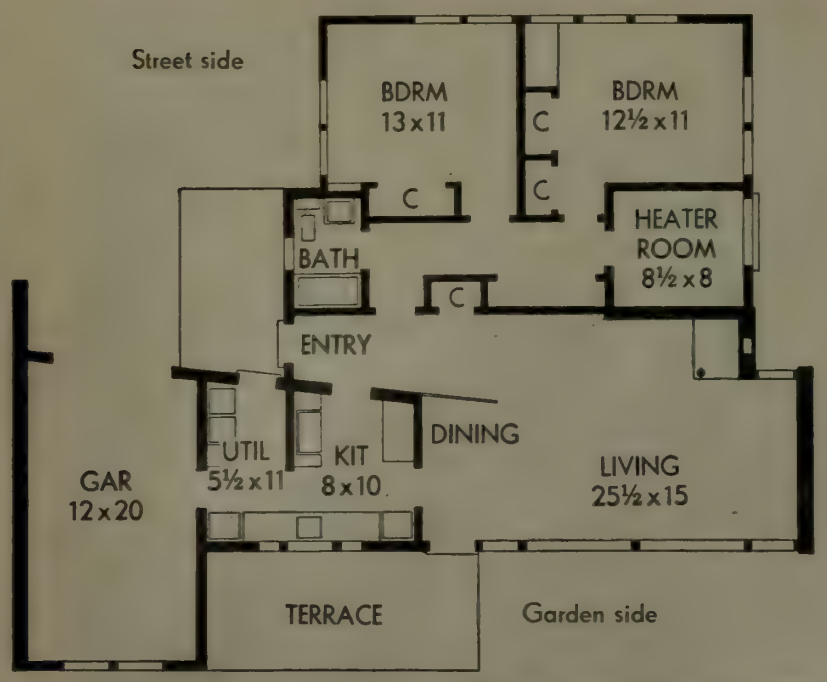
Do they?

As proof that a properly placed hall can be one of the most important features of a house, *Better Homes & Gardens* presents Five Star Home No. 1902. Designed by David S. Barrow for Servel, Inc., the house as shown on these pages is furnished by Gimbel Brothers of Philadelphia and *Better Homes & Gardens*.

In this house, the entire room arrangement is centered on the entrance hall, which carries all traffic from room to room. And in many homes, especially those with children, traffic control is important.

Here's what the hall does:

- It carries you from the front door to any room in the house without going through any other room.
- It sets the living room off by itself, and makes it a room of quiet uninterrupted by members of the family passing through to other rooms.
- It lets you go quickly and directly [*Turn to next page*

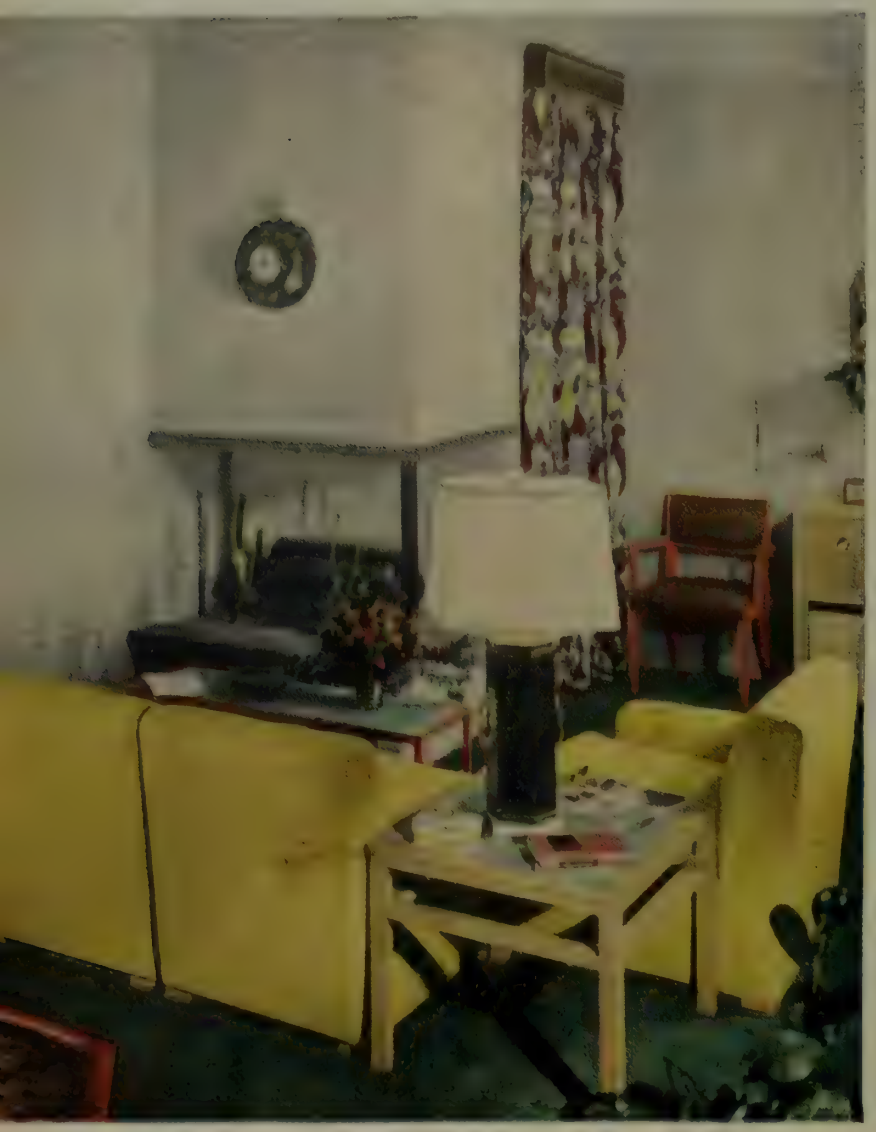


Over-all dimensions: 54 by 36 feet. Architect: David S. Barrow, Wilmette

You can buy plans for any Better Homes & Gardens 5 STAR home *See page 135*

Living area is designed for quiet

Continued from preceding page



View 1. Raised fireplace is natural focal point for conversational grouping of furniture. Sectional sofa in yellow contrasts with wall of gray brick



View 2. Fireside furniture can be used as seating for television entertainment. Armchairs are upholstered in brown, nubby material woven with golden metallic thread

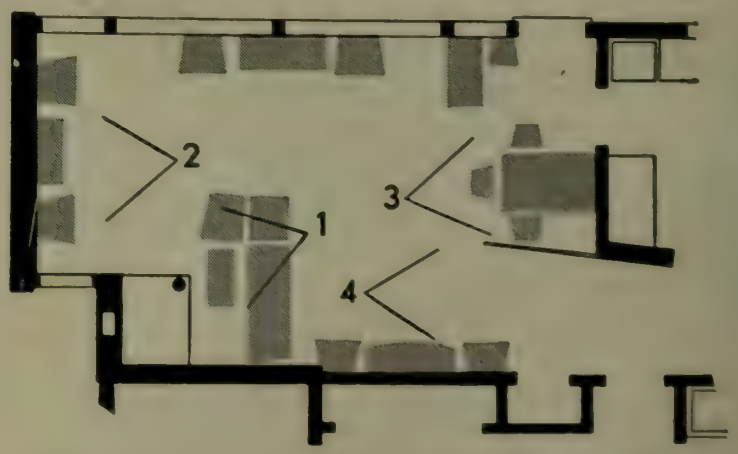
from the kitchen to the bathroom, and from the living room to the bedrooms.

Sound is controlled just as well as traffic. The two bedrooms are on the street side of the house, where they shield the living area and the terrace from street noises. Since noise from most streets is lightest at night, bedrooms, too, are quiet when you want to sleep. Two rows of closets and a hallway separate bedrooms from living-room noise, and closets help soundproof one bedroom from the other.

Arrangement of the rooms allows use of a minimum length of ducts in supplying air to rooms, and returning it to the heating plant. Warm air in winter (cool air in summer, too, if you install an air-conditioning unit) goes to rooms through a simple system of overhead ducts, is returned by passages under the floor.

The centrally placed kitchen-utility room is a U-shaped area, with a partition that divides one work space from the other. On one side you have your range and work counter, with your refrigerator across the aisle. On the back side you have solid cabinet space. The sink is under the windows where it is convenient to both the kitchen and utility areas.

The living-dining area is unusual. A translucent glass partition comes into it as a continuation of the entrance hall, to shield the dining area. The corner fireplace has a raised hearth, and is opposite the glass wall overlooking the garden. The fireplace catches your eye as soon as you enter the front door. The only windows in the room are on the rear, except for a bank of them that stretches toward the ceiling next the fireplace. The ceiling, incidentally, follows the slope of the roof above it to add visually to the size of the room.



Numbers on plan correspond with views across the top of these pages

Like many other good homes being built today, the house has long, low lines. The exterior, however, is unusual in many ways. The front door and utility-room door are side by side; by painting the front door an eye-catching yellow and giving it a distinctive design, as in the photograph above, you can make it clear which door is which. The utility door is a [*Turn to page 134*



View 3. Window wall is draped in deep brown printed material that is matched by cocoa-colored wall of dining area. Cabinet with glass each side serves as partition



View 4. A glass partition separates hall from dining area. Breakfront is used for linens and silver in lower part; for books or china in the upper part

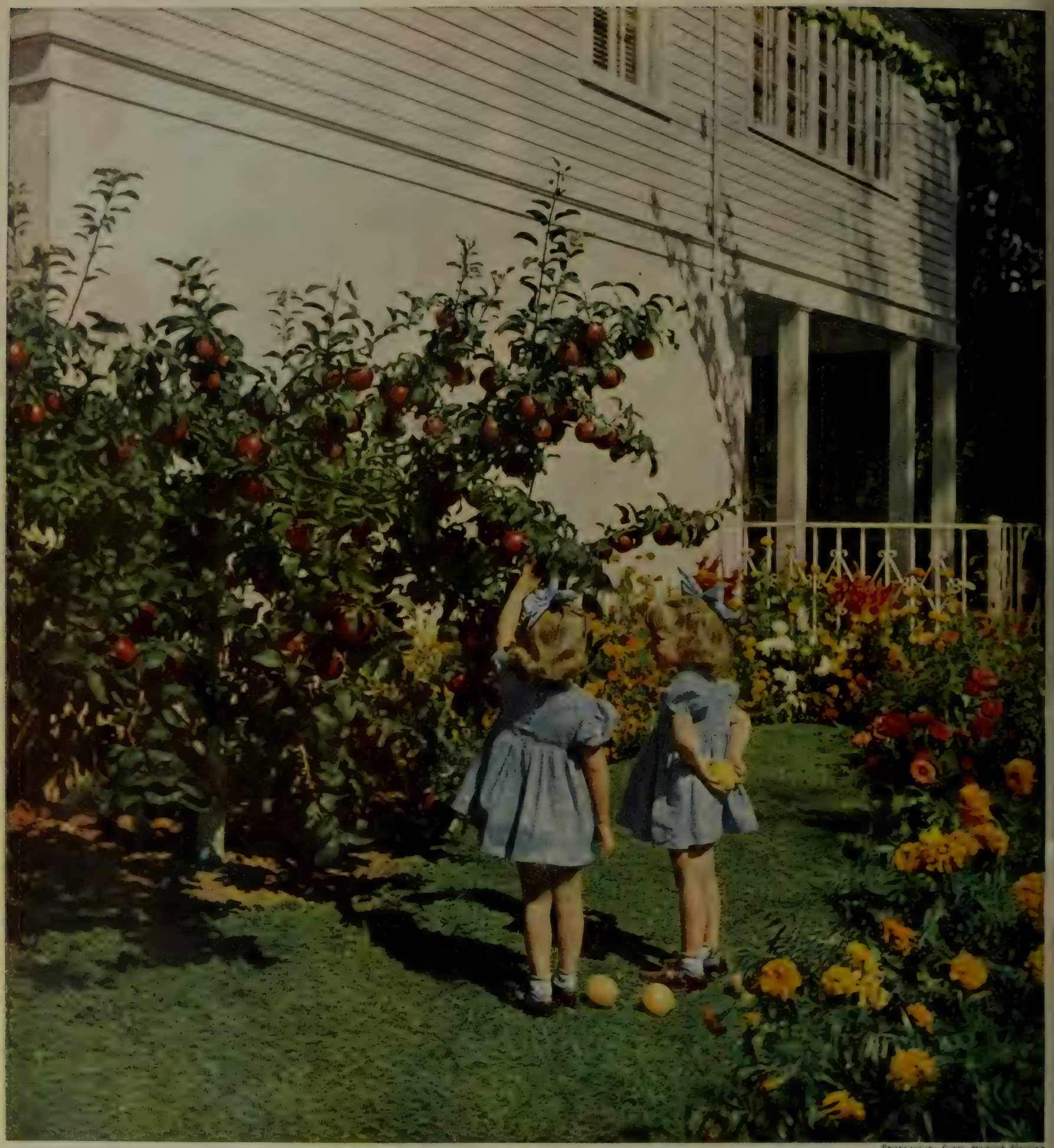
Wm. F. Howland



Central working area makes this U-shaped kitchen practical to the last detail. Walls are covered with plaid washable fabric, the strongest color of which is used as an accent for the working counters and plant containers



Owners' bedroom uses simple two-color scheme to give feeling of space to small room. Generous tops of bedside tables permit large lamps for bedtime reading. Pull-out shelves of tables provide easy access to contents



Photograph, Suter, Hedrich Blessing

Red or yellow apples? Or both? You can grow several dwarf trees in small space

You don't need an acre to grow your own apples. Dwarf trees can be had which at bearing age require no more space than lilacs, altheas, or snowball bushes do. They can be planted as foundation shrubs wherever there's sun. Pansies and tulips are at their prettiest below apple blossoms, and marigolds are gay by the time the apples are ripe. This dwarf Starking tree was photographed at the home of Dr. Robert L. Andrae of Louisiana, Missouri

You can grow fruit on a 50-foot lot

By Fleeta Brownell Woodroffe

WHAT could be more fun than picking fruit from your own trees? Flavor-filled fruit that's not been picked while still hard so it will ship well, but perfect fruit that's ripened on your trees getting sweeter and sweeter.

What could be more satisfactory than growing summer, fall, and winter apples this way? And your choice of pears?

Plant dwarf trees, and you can have all this fun. Big juicy apples and pears on little trees you can fit into half a dozen spots without trouble. Plant several varieties of dwarf apples instead of one standard-size tree, and you get—not every second year more apples than you can use, but each year family-size crops and a variety ripening over several months.

It's amazing, but the apples and pears grown on these modern dwarf trees are just as large and fine in every way as the same varieties produced on standard orchard trees.

The size of the dwarf trees now offered commercially is controlled in two ways. The wanted variety of apple or pear is grafted on a root which limits the size of the top. For pears, this is usually quince roots. Or, for all areas with wind and rigorous winters, there's a new race of dwarf apple trees grown with strong roots and a potent section of the hardy Clark dwarfing understock set into the trunk.

Both methods produce early-bearing trees—a few varieties will give you some fruit their second year.

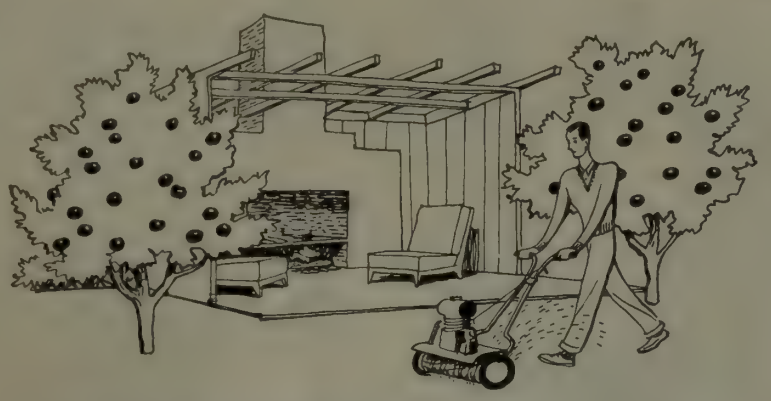
Another plus—you pick your fruit without a ladder!

No perfect fruit is grown today without the trees being sprayed or dusted to control pests and diseases. But with these dwarf trees you can take all these necessary precautions using the same sprayer or duster you use for your roses or vegetables. All-purpose combinations containing both insecticides and fungicides are being developed to make this protective program still easier.

Care needed for dwarf apple trees. Trees not on an understock with strong brace roots, such as the Virginia Crab has, will have to be firmly staked to avoid upset by wind when loaded with fruit.

All dwarfs need an annual pruning and feeding to keep them at peak performance. This pruning is nothing that cannot be done with a pair of good hand pruners. It consists of removing the brushy center growth and heading back all branches a fourth to a third. This is best done in late winter. Nipping back extra-long shoots twice during the summer is also beneficial. [*Turn to page 219*

Three good places to plant dwarf trees



As partial screen for barbecue. A pair of dwarf trees—apples or pears—gives balance without the danger of crowding later. Set outside the line of daily traffic and lay mulch over root areas



As frame for doorway. Well-shaped dwarf apple trees can successfully rival the finest flowering shrubs. To keep them balanced and symmetrical, and to increase the crop, cut back long shoots



Combined with a flower border. Dwarf trees set across the end and the sides dress up an open lawn. Leave space about each tree for foot room while you spray the trees and pick the fruit

More on page 219



We thought we were going to build it for $8,500!

We enclose space

By Louise Randall Pierson

BEST-SELLER author Louise Randall Pierson ("Roughly Speaking") here tells how she and her husband, Harold C. Pierson, planned their home with a ball of string—then built it. You already know ("Pay Yourself Those High Wages," December, and "You Can Nail Down Building Costs With Your Own Hammer," January) that thousands of us are saving money by building or remodeling our own homes. You may not realize that families working on their own homes are getting a lot of laughs, as well as calluses. Mrs. Pierson fills you in on that department.

WHEN my husband and I decided to build a house with our own, then uncallused hands, people said we couldn't do it.

They were wrong, because here it is, only about a year later, and we expect to get the last of the windows in any day now. Then, as soon as we finish slamming the wallboard up, we can get the stove and refrigerator out of storage. And I won't have to cook on the impromptu brick barbecue I tossed so lightly together on what is going to be the patio when and if we get to it.

We undoubtedly would have made even greater speed if we had settled for a little prefab, bandbox deal instead of going all out on a 113-foot-long Modern. For, though a Modern looks as simple to throw together as a chicken roost, the trouble is that it *looks* like a chicken roost unless you dress it up with a lot of booby traps like furred down ceilings, soffits, offsets, and angles that would set Frank Lloyd Wright back on his heels.

We chose Modern for two reasons.

Our site in Big Rock Mesas, Malibu, California, is a small, flat plateau which hangs precariously 400 feet above, out, and over the blue Pacific. It fairly cried out for plate-glass walls through which you could see the surf and the circling gulls and the broad silver rippling beam the moon makes on the water at night.

Then for a long time I have had a sneaking desire to prove to my children that I am not as they regard me, an old party left over mysteriously from the Civil War. You are not really old, I had read somewhere, if you are still able to grasp something new. If I could pry myself loose from Colonial to which I had clung like a limpet for the last 58 years, I would be proving something. It was now or never unless I wanted to be buried with my feet on the cobbler's bench, wrapped securely in the old Paisley shawl.

Our first step was to get books on Modern and study them carefully.

I could see at once the Big Step was going to be harder than I thought.

It was some time before I could control my resentment at the authors' sneering tone toward the sacred [*Turn to page 152*



To get this . . .

The architect said our house would look like this on its perch in the hills of Big Rock Mesas, beside the Pacific



We used these . . .

These are all you need to build a house; if you can't get power, these are all you will have to build a house

Our project in its early stages: after the bulldozers and cement men had done their work, but before much had been done with saws, hammers, planes, and chisels

Photographs: Harry H. Baskerville, Jr.; Jack Woods, Warner Brothers, Victor Barnaba, Hughey Young



"This is where we want to sleep," we said as we trailed our ball of string behind us in laying out our home. And this is where we will sleep when we get some doors on and a bed in. The way the house is designed, every room has a view of the ocean. Of course, people who live in glass houses have to undress in the dark



In a moment of enthusiasm I personally poured the cement for the utility-room floor to surprise my husband. According to the plan, the plumbing cleanout from the bathroom next door I inadvertently buried is about there: The cement should give with a hollow sound over it. Just a few hours with a hammer and a star drill

REMODELING: The best way to get a home?

Here are the stories of two couples who are sure it is

THERE is no sign that building costs are going to drop much in the near future. But that needn't stop you from having a home of your own.

One good way is to buy an old building and remodel it. Not any old building, though—it must be structurally sound and capable of being renovated. Chances are that you will end up with as good a home at less cost than if you bought a house or built a new one. When you want to sell, you will probably be as well off financially, too.

It takes a lot of nerve and hard work, though, to start with a structural shell and create a home. Yet it's being done all the time, and done well. On this and the next three pages are the stories of two couples who got their homes that way—the hard way. Their stories may give you that last ounce of courage needed to make you take the final step toward obtaining your own home.

We chose a farmhouse

By Eunice C. Brandt



This is the farm we bought in '41



We intended to tear this building down

BEFORE Philip left for the army, we bought a small farm outside Salem, Oregon —a beautiful wooded tract with a house and barn we considered liabilities, to be torn down when we built our permanent home.

Our dream of a permanent home went up in smoke with building costs. So we took a second look at the sturdy logs and beams of the farmhouse, and planned to spend $1,000 on remodeling it into a temporary home. That dream was also shattered when we spent that much alone for a well and pump (the springs we had counted on vanished to a summer trickle). Our bathroom and kitchen spent the $1,000 all over again. But though our hopes and finances changed, our aims in remodeling did not.

Two ideas predominated: first, to have a feeling of spaciousness in our 20x30-foot home, and to have an interlocking of indoors with outdoors.

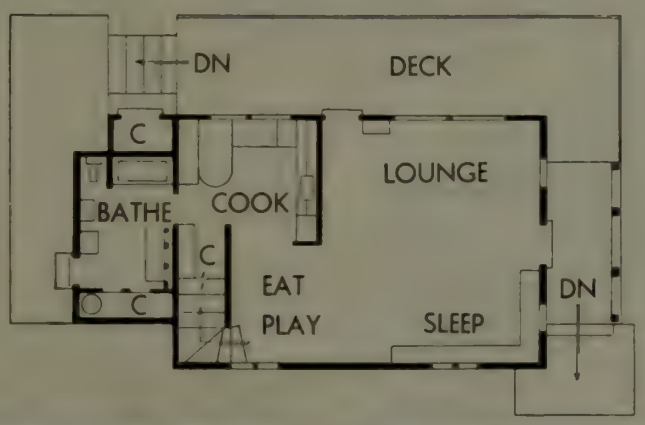
To give us the feeling of space, we removed all inside partitions downstairs. To bring the country landscape in, we cut 12 large windows and two doors in walls of the 20x30 room that [*Turn to page 194*



This is our house—almost all of it. Here are our living area (left), sleeping area (right), and dining space. Kitchen is off to left. Floors are vertical-grained fir covered with gymnasium floor varnish to resist marking and wear. Walls are hemlock finished with rose-gray filler and clear lacquer

Dining area is link between kitchen and living area, doubles as a play area. Since unity of plan demands unity of color, we used three colors throughout as a foil for hemlock: copper, (light fixture), yellow (draperies), and aqua (table base). Puerto Rican matting absorbs sound, shows little wear





Now that same building is our home. Unexpected costs and resulting changes in plans account for some of the paradoxes you see: roll roofing and log construction along with native hemlock and insulation in walls and roof. Wood is stained forest brown, crisply trimmed in white. Porch floor is red

Photographs: Leonard Delano



We chose a barn



This is the way the barn looked when we bought it



We turned it 90° and dropped it on a new foundation

By Jean Day Bousquet

OUR housing problem was the same as that of many other people—dreams well beyond our pocketbook.

We wanted a place of our own to hang our hats, but we also wanted the hatrack to be original, and with character. Our job was to do all that on an average budget.

After John was discharged from the army, we secured plans for the dream home we had in mind, but found it way out of our reach because of the building situation.

We had a piece of land 100 by 228 feet in Amityville, New York, and on it was a 40-year-old barn. The more we learned about conditions, the closer we studied the barn. We found it sound—and that decided us.

The first step was to have the barn moved forward on the lot and turned halfway around. Then we pitched hay out of the loft and rummaged through old-fashioned tools and antiques we later used for furnishings.

Studying the floor plan, we found that only one partition was needed downstairs to make a hall and large living room out of the main carriage room. The tool room now is our dining room, and the two stalls our kitchen. Three partitions were put in the loft to form two bedrooms and a bath.

Our contractors, Kennedy and Becht, found that the original roof, siding and floors were in good condition and could be re-used to keep the total cost down. We made no additions, and [*Turn to page 196*



Two horse stalls came out to make room for this modern kitchen. Here we covered original floor with linoleum. Large windows make a cheery workplace; cornice board joins cupboards, frames windows



This serving bar once was a panel through which feed was passed to the horse stalls from the loft. Lowered, it lets more light into the kitchen, serves as a display shelf for house plants and glassware

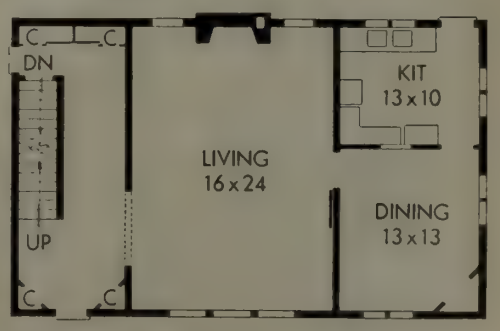
Lines of the barn were not changed; we even used a barn-red exterior paint. With white trim and dark green shutters, the house contrasts sharply with its wooded background. The original roof and siding were good. We left them. Picket fence encloses play yard for 3-year-old John III, directs attention to Dutch front door

Photographs: Richard Averill Smith





Second floor



First floor

Where carriages once stood, we have a 24x 16-foot living room. Interest centers around the massive fieldstone fireplace. The mantel once was one of the barn's cypress beams

High blood pressure—

You don't have to let it kill you

By Don Cooley

THEY took Henry to the hospital last week. Henry was always the first man off the 5:25 from Grand Central. By the time the rest of us commuters had trudged up on the station steps to the suburban bus, there was Henry triumphantly occupying his favorite corner seat. One evening Henry wasn't there. His next-door neighbor told us why.

"Doctor wants to run some tests on him. His wife says they're considering some new kind of surgery. High blood pressure."

That led to some pretty sobering conversation. We were a reasonably well-informed, middle-class group with mortgages, taxes, and kids in school. We knew that the No. 1 killer of men like us is cardio-vascular disease, which we thought of, correctly, as heart failure, stroke, and failing kidneys with which high blood pressure so often goes hand in glove. Most of the information that stuck in our minds was the kind that feeds the jitters.

Just what were we afraid of?

I know the case I was thinking of. You can probably match it among your own acquaintances. Call him Bob. He knew he had high blood pressure, all right. But for two years he ducked his doctor's orders. He kept up his 36 holes of week-end golf, his double-thick steaks, his all-night poker sessions.

Then he went hunting near the Canadian border. A blood vessel ruptured, and he had a nosebleed that didn't want to stop. Worse, something strange in his chest kept him from getting a satisfying breath. When Bob got home, his own doctor read him the riot act:

"No trips to the office. Stay close to home where you can lie down when you feel peculiar. Daytime naps and early to bed. A thousand-calorie salt-free diet, and no fooling. Your heart shows damage but has a good chance to repair itself if you follow orders."

That, I think, was high blood pressure as most of us viewed it on that glum bus ride.

At the time it simply never occurred to me that I was seeing the other side of the picture every morning when I walked past Daddy Traynor's little acreage. You'd see him swinging a scythe—not furiously, but effectively—or digging a leisurely posthole or trimming his grapevines. Yes, Daddy has a blood pressure reading higher than normal. But I am sure he has never gone into a tailspin of worry that it will shorten his life. Daddy was 86 last December.

Which of these cases is "true high blood pressure"? Both of them. High blood pressure can mean many different things as far as life expectancy or way of living is concerned. Let's clear up these meanings and take some of the scariness out of them. Rare cases of high blood pressure can be caused by tumors and other unusual conditions, but in 9 out of 10 cases no specific cause can be determined. In medical language, the nine have "essential hypertension," and since hypertension means the same as high blood pressure, let's use the more familiar term.

How common is high blood pressure?

Everybody has blood pressure. If yours is *consistently* higher than normal, you have high blood pressure. However, even if your blood pressure is generally normal, it shoots up when you get excited or angry. Your blood pressure varies from day to day, and even during the day.

It's generally agreed that anywhere from 25 to 40 percent of people past 40 have high blood pressure. Chances are a little less than even that you will have it by the time you reach the age when life begins. But raw statistics do not distinguish between kinds of high blood pressure. The so-called malignant variety advances swiftly, is associated with grave damage to vital organs, and is thoroughly vicious. *But less than 5 percent of persons who have high blood pressure have the malignant type.* The chances are 20 to 1 that if you do develop high blood pressure it will be the common kind which allows you to live an essentially normal life to practically your full life expectancy, or even beyond.

What causes high blood pressure?

The basic cause or causes are completely unknown, but the mechanism is better understood. Your arteries with their elastic walls divide into smaller and smaller branches as they get farther away from the heart. The tiniest branches of all are the arterioles, barely visible to the naked eye. When for unknown reasons these tiny pipes get into a chronic state of constriction, your heart has to pump harder and increase its pressure to push blood through.

Hardening of the arteries is *not* the same thing as high blood pressure. Hardening and thickening of a few large arteries, especially the aorta leading from the heart, can cause the heart to pump harder and yet rest at normal pressure during the time between beats. Many persons with hardening of the arteries have normal blood pressures.

Who gets high blood pressure?

Doctors generally agree that more than half their hypertensive patients have blood relatives with similar histories. Perhaps what is inherited is an over-responsive circulatory system and its sensitive nerve-control mechanism.

More women than men have high blood pressure, but it doesn't seem to bother them as much. Perhaps they aren't so battered by the job of making a living. Fear, anger, worry, and ambition are often linked with high blood pressure—emotions that may give a man drive, make him accept heavy responsibilities, lead him to burn his candle at both ends so he doesn't know the meaning of taking it easy. *Turn to page 214*



Maynard Parker

A man's rose has to have vigor. Typical of what men look for when they select roses is Charlotte Armstrong (above), a very popular hybrid-tea variety. The recent Better Homes & Gardens poll brought out that men insist on plants that look well all summer long, and bear big crops of roses

Voted the dozen favorite roses

of American men

IF YOU want to plant a dozen roses this spring, you can't do better than consider this list of hybrid teas. Here are the top 12, the favorites named by members of the Men's Garden Clubs of America, Inc., in a recent *Better Homes & Gardens* poll.

The men voting also told what they look for, the qualities they've found most important in garden roses. They stress disease resistance, vigor, fragrance, freedom of bloom, shape and quality of buds and open flowers, color, and strong stems.

The 12 roses selected:

Peace. This great rose has everything. On stout stems clothed with glossy, leathery foliage, the buds swell into 5- and 6-inch flowers. The colors of Peace are pale gold to a full yellow delicately washed with rose-pink. Though unfailingly beautiful, no two Peace blooms are alike.

Crimson Glory. The rich, fruity perfume and the velvety petals of this deep and glowing crimson rose [*Turn to page 212*

Climbing roses with evergreens in foundation plantings

Stiff-caned climbers may be easily grown as shrubs if you stake them upright when young. Prune overlong shoots to control shape. Set plants 30 to 36 inches from house wall. This type is especially good with yews

To get the biggest show, plant: Blaze—a twice-blooming Paul's Scarlet, Buff King, pink Dr. J. H. Nicolas, and ruby Doctor Huey. Pictured is a portion of original Blaze bush at Ralph Perkins home, Newark, New York

Grow roses where you want them

By Leslie MacRae

JUST name the spot where you want to grow it, and there's a rose for the place. Unless the spot is shaded. Roses need sun for at least four hours a day. More is better.

But for lamppost, garage wall, fence, or a bank too steep to mow, and to loop over a wall that's bare and unneighborly, there's a wide choice in climbing roses. Some are stiff enough to stand by themselves, some limber and pliable. And what a lift we get from their reds, and pinks, and yellows!

Want a gay spot in a green border of shrubs, a hedge for your terrace, and eye-filling bed of color from early June till frost? For these you choose varieties from the shrubby, hardy polyantha and floribunda classes.

Plant the aristocratic hybrid teas where you can enjoy every change from sleek buds to perfect half-open blooms. Plant miniatures in pots, or in a rock wall. And early-blooming shrubby types to back up your irises.

Photographs Suter, Hedrich-Blessing Roses Jackson and Perkins Company



Hybrid teas in special beds

The beautifully formed blooms of the hybrid teas, most popular of all roses, show off best when you set the plants in beds next a fine lawn. All colors but blue can be had in this class. That shown is the new variety Valiant



Floribunda types for an everblooming hedge

You'll get the most color to the square foot and over the longest time if you plant the vigorous floribundas and polyanthas. Individual flowers cannot equal the hybrid teas, but massive bloom heads are striking. Shown is the popular variety Betty Prior



Roses in groups for mass color

More dwarf and with more double flowers are the hybrid floribundas: Rochester—peaches and cream; Pinocchio—apricot; World's Fair—crimson; Improved Lafayette—glowing pink; and the sunny Goldilocks

For an expert's tips on rose care, turn to page 210

They got drama from pro



Dining-room wall was broken by two pint-size windows. They gave little air, less light, plenty of trouble



Here you see the two small windows from the inside. Window at right was larger, but still a problem to solve



The Killingsworths concealed their small dining-room windows with a solid wall of draperies. Window at right—one of a pair in dining room—was made to appear larger by hanging thin glass curtains inside it



From the street it's still bungalow style 1920, but here's the inside story

IF YOU think with Ed and Laura Killingsworth, of Long Beach, California, you're willing to make an old house do until the day when you can build the home you really want. You'd like to remodel your windows, but you don't want to get in too deep with your present setup.

If you're like the Killingsworths, you want your home to be comfortable; you like to entertain in pleasant surroundings. You can do one of two things: You can call a carpenter to relocate your windows. Or you can dodge all that and stay within the budget. Here you see how the Killingsworths solved their window problems without knocking out a piece of plaster or relocating a single window. The Killingsworths are living comfortably within their budget, but meanwhile their home is as attractive as the pictures shown here.



On the outside, small living-room windows look like this. They are a problem in many older homes, interfere with furniture arrangement



Inside, living-room windows looked like this. Windows would have been expensive to relocate; opposite page shows the problem solved

problem windows

Here's proof that you don't have to rebuild to remodel

By Dorothy Killam

Photographs: George de Gennaro



Killingsworths got the effect of a large picture window by hanging entire living-room wall with off-white, washable draperies. They subdued two pairs of windows with glass curtains that conceal old woodwork but admit light. Draperies and curtains are hung from ceiling height on a pole hidden by wooden valance



East . . . Tranquillity at your doorstep. On Mt. Le Conte in the Great Smoky Mountains National Park you are literally on top of the eastern United States

How to beat the high cost of

McLaughlin & Co.



Wildlife . . . You'll meet it unmolested: bears and buffalo in Yellowstone, deer in nearly every park—like these at Grand Canyon

By Hal Burton

HOW would you like to own an 11-million-acre estate, practically tax-free?

Well, you do. And your property includes the finest scenery in the world. It's all yours in 28 national parks—a precious heritage of towering trees, massive mountains, roaring waterfalls, and placid lakes. Because you own these national parks, you can drive to them or travel by train, bus, or plane to their gates this summer with the assurance that your vacation will be unequaled as a bargain in travel.

Let's say that you'd like to visit Yellowstone Park. Most Americans do. Nearly a million of them made the grand tour of the geysers last summer.

In your family, there are four persons—a husband, a wife, and two children under 8. You have 10 days to spend in the park, excluding travel time. What will it cost you?

If you don't mind living simply, it can cost you $108.50. For that sum, you'll stay in a canvas and frame cabin, eat three



West . . . Lord of all you survey. Massive, spectacular, Zion is only one of a dozen western parks that leave you breathless with the majesty of the out-of-doors

family vacations

meals a day in a nearby coffee shop, and depart for home having spent $27.13 apiece—$2.71 a day. At how many summer hotels outside of a national park can you vacation as reasonably?

Perhaps you're an Easterner, and something closer at hand appeals to you. In that case, you may choose to motor down into the Great Smoky Mountains National Park, which includes the highest peaks east of the Mississippi. A family of four—if the children are under 8—can sleep in a government-supervised hotel during the summer for 10 days and eat three meals a day for $105. If the youngsters are over 8, then 10 days will cost $140. Year-round accommodations just outside the park are somewhat higher, but still popularly priced.

Wherever you live, you can't be far from a national park. At most, it is a 600- to 800-mile trip, possible in two days no matter how you travel. If you're lucky—a resident of the Mountain states, the Pacific Coast, Maine, or the southern Appalachian states—there's a national park within a day of you.

The 10 million Americans who visited the parks last summer went there first of all for scenery. To wake in the morning to the rumble of Old Faithful, to look out the window at snow-clad Mt. Rainier, to stroll before breakfast on the rim of the Grand Canyon—those are experiences most families cherish.

But with the scenery comes something you may not have anticipated. There's a ranger to take you on free hikes to the most dramatic points of interest. There's a trained naturalist to tell you, without charge, about the plants and animals. At night, there are campfire lectures under the trees. And, if you travel guideless, there are always well-marked paths (some 15,000 miles of them) and complete facilities for your comfort.

Everything you buy is regulated in price. There is no profiteering. Uncle Sam sets the prices for such dissimilar services as changing a tire, developing a roll of film, serving a meal, or taking a mineral bath. Package tours by motorbus are controlled so that you can figure in advance what this easy way to see the parks will cost you. Pack trips into the back [*Turn to page 126*

Note: *All price and cost estimates in this article and in the detailed tables on pages 120-125 are based on 1948 rates. Those for accommodations and meals within a national park are based on rates fixed and published for 1948 by the National Park Service, United States Department of the Interior. Rates for 1949 are expected to be about the same. Prices for meals and accommodations outside park areas are estimates based on research. All prices must be taken as minimums to go by, not necessarily what you will encounter in every instance.*

Your garage



A place for a terrace



A workroom

It's a car shelter. Plan it also to be:

A teen-age activity room



A space for storage



A hobby sho



By Herbert Yahraes

A RECENT cartoon showed a man putting his car away. He had no trouble. He simply folded back the sides of his garage.

To people who must cram a 1948 car into a garage that gagged on even a 1938, this is no joke. But if you are a prospective builder, you have more important problems that you can't size up with a measuring tape. One good way to learn what these problems are would be to ask 20 families what they like and what they don't like about their present garages.

I did.

Nineteen of the families had at least one major complaint.

Their various troubles arose from one simple fact: Most of us still don't think of a garage as a basic part of a comfortable home. Sure, we've moved our cars in out of the stable, which odors and flies made us place as far away from the house as possible. We've even succeeded in making the garage architecturally a part of the house. But after we've spent long evenings planning our new heating system or our kitchen, we're likely to toss off the equally important garage with the remark, "Let's try to have a two-car garage." Not until we've moved in do we realize how much annoyance a little more forethought would have saved.

I can't tell you how to plan *your* garage. The most satisfactory car shelter for you, like the most satisfactory house, is designed to fit your needs. You have to figure out for yourself what you want. I can give you some suggestions, though, that can keep you from ending up like my 19 unhappy friends. Start off by asking yourself and your family some questions.

1. Do we really want a garage?

Maybe *you* don't, particularly if you live in a warm climate. Today's cars don't really need shelter except in very severe weather. So how about a carport?

A carport is essentially a garage without walls. It affords protection from rain but not from cold. One of the newest examples —in New England, incidentally—is merely a sheet of corrugated cement asbestos, supported by a wood frame and stretching out from the main doorway like an old-fashioned carriage porch. I've seen one carport that was even simpler—a strip of canvas on four poles.

Most new carports, though, are built as part of the house. They either extend out from it like a covered porch, or they are niched into it, like a [*Turn to page 160*

"21 KINDS TO CHOOSE FROM"



CAMPBELL'S SOUPS—One of the most nourishing, delicious, economical foods at your grocer's



LOOK FOR THE RED-AND-WHITE LABEL



FINE BEEF STOCK IN THESE

BEEF: Hearty beef stock, pieces of beef, fine vegetables and barley.

BEEF NOODLE: Deep-flavored beef stock, pieces of beef, hearty egg noodles.

BOUILLON: (Beef Broth) A clear beef broth delightfully flavored with vegetables.

CONSOMMÉ: Clear amber beef broth, pointed up with tomato, herbs, celery, carrots.

OX TAIL: Good beef stock, meaty ox tail joints, barley and vegetables.

VEGETABLE: Fifteen different garden vegetables in a full-bodied beef stock.

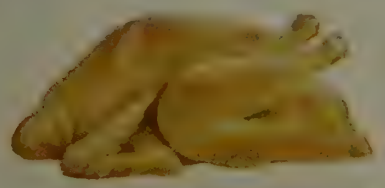
VEGETABLE-BEEF: Vegetables, barley, tender pieces of beef, in a rich beef stock.

OTHER THICK AND HEARTY SOUPS

CLAM CHOWDER: Chopped clams, potatoes, tomatoes, savory herbs in a deep-flavored tangy clam broth.

PEPPER POT: Pieces of meat, macaroni, vegetables, and substantial meat stock make this Early American-type soup.

SCOTCH BROTH: Thick meat-stock *soup*, vegetables, barley, pieces of mutton.



MADE WITH RICH CHICKEN STOCK

CHICKEN with Rice: Chicken-rich broth, fluffy rice, tender pieces of chicken.

New! **CREAM of CHICKEN:** Chicken stock, heavy cream, and pieces of chicken.

CHICKEN GUMBO: Rich chicken stock, vegetables, pieces of chicken, savory seasoning.

CHICKEN NOODLE: Hearty chicken broth, golden egg noodles, pieces of chicken.



MADE FROM CHOICE VEGETABLES

ASPARAGUS: Smooth purée of fresh asparagus, creamery butter, asparagus cuts.

BEAN WITH BACON: Old-fashioned thick bean soup, plump beans, bacon flavored.

BLACK BEAN: Delicious purée of fine black beans, expertly seasoned.

CREAM of MUSHROOM: Cultivated mushrooms blended with whipping cream. Mushroom pieces.

GREEN PEA: Nourishing purée of young green peas, creamery butter, seasoning.

TOMATO: America's favorite soup. Luscious tomatoes, butter, gentle seasoning.

VEGETARIAN VEGETABLE: Another fine vegetable soup, luscious vegetables, without beef stock.

Campbell's Soups



So good meat pies

By Myrna Johnston

SAVORY meat pie, an old-fashioned dish that satisfies even the biggest appetites, is a perfect supper on a blustery day.

You add a tender crust or topping to the juicy meat and vegetables in the baking dish. And while the top of the pie is browning to a turn in the oven, you're free to put the finishing touches on the meal. Make a crisp salad or plate of cold, crunchy relishes. Then call the folks to supper.

The pie at the upper left of the photograph is a Tuna Pie—in it are meaty pieces of tuna, chopped onion and celery, and green peas. Its top is pin-wheel cheese biscuits. The baker at lower left holds Shepherd's Pie. The meat is veal; the vegetables are onions, carrots, and green beans. The frame for the bubbly meat mixture is fluffy mashed potatoes, oven-browned.

Roast Beef Pies, center, in the bakers with the handles, are seasoned to suit a chef. To make the trim you simply cut an X in the center and fold back the corners made by the cut. (An X of pimiento marks the spot.)

The meat pie, upper right, that got the bird is Chicken Pie with a rich pastry top. The pastry cutouts were baked separately, then put on the baked pie. The stripes on the Hot Tamale Pie, lower right, are crusty corn bread. You can make your own or stir it up from a mix.

Meat Pies—all plain, good eating. Steaming hot, crusty-topped. Each a delicious supper, easy to make and bake and serve. Let's have meat pie.

Recipes on page 150

Photograph: Charles Kuoni



Hawaiian sunshine for winter meals

By Trader Vic

YOU'VE had the idea that food from the Islands is much too exotic for your own table? We'll agree that it's out of this world in *flavor* but *not* out of this world when it comes to your being able to cook it.

Look at the page opposite—all familiar foods—spareribs, green beans, rice, pineapple. It's the *flavor tricks* in the Hawaiian recipes that make the difference.

Here's February—the most difficult month of the year to plan meals. Spruce up your family's appetites and your own interest in the fun of cooking by trying a brand-new recipe from Hawaii.

At the top right of the page, in the big clamshell, are French-fried shrimp. The small shells hold a choice of sauces. Three-compartment wooden leaf, center, serves Chicken Almond, green beans with soya sauce, and Fried Rice. Pineapple Spareribs are served on a wooden pineapple platter, lower left. And to the right, you can help yourself to cubes of golden pineapple from a bowl of crushed ice.

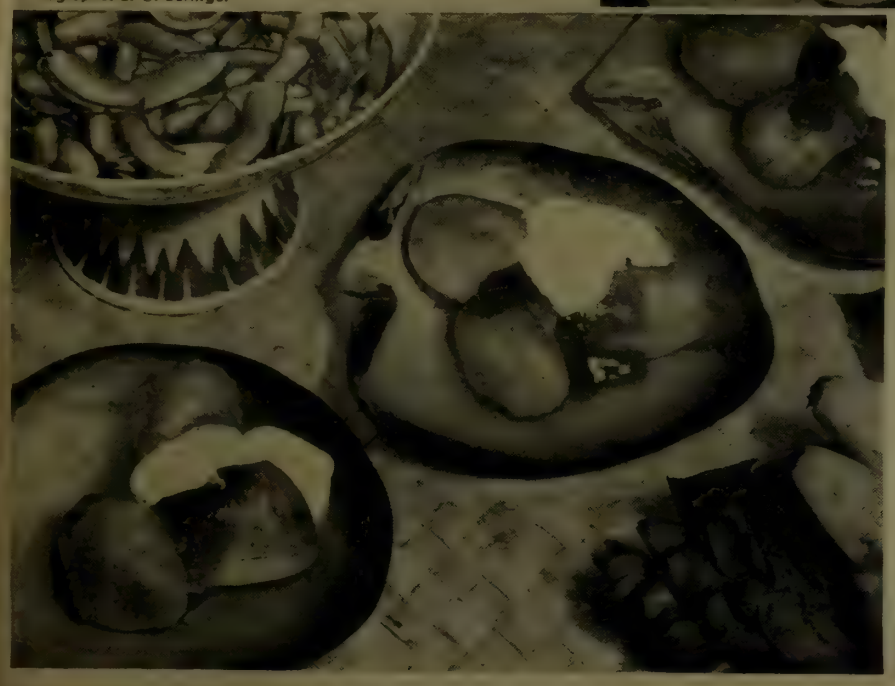
Below are the photographs and directions for making Banana Fritters and Meat on a Stick. The recipes for all the foods shown in color and other Hawaiian recipes are on page 94.



Meat on a Stick

Cut 1½ pounds beef, veal, or lamb in 1½-inch cubes. Combine 1 teaspoon dry mustard, 1 teaspoon chili powder, ½ teaspoon ground ginger, ½ cup finely chopped onion, ¼ teaspoon finely chopped garlic, 1 teaspoon turmeric, 1½ teaspoons salt, ½ teaspoon coriander, 3 to 4 tablespoons lemon juice and 1 teaspoon honey. Mix thoroughly. Pour over meat. Let stand 10 minutes. Thread meat on metal skewers or split bamboo sticks. Broil till browned, or roast over open fire or charcoal.

Photographs: L. C. Beringer



Banana Fritters

Select 10 to 12 firm ripe bananas. Cut in 2-inch diagonal pieces. Roll in flour. Then make a batter: Sift together 3 cups enriched flour, 2 tablespoons baking powder, 3½ teaspoons salt, and ¾ cup sugar. Combine 3 well-beaten eggs, 1¼ cups milk, and 2 tablespoons melted shortening. Add to dry ingredients; mix smooth. Dip bananas into batter. Fry in hot fat (400°) until golden brown. Serves 12. Fritters stay crisp 15 to 20 minutes. Serve with tart apricot marmalade and whipped cream. Toasted coconut chips, upper left of picture, are available in cans now.

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It's FUN to cook in these kit

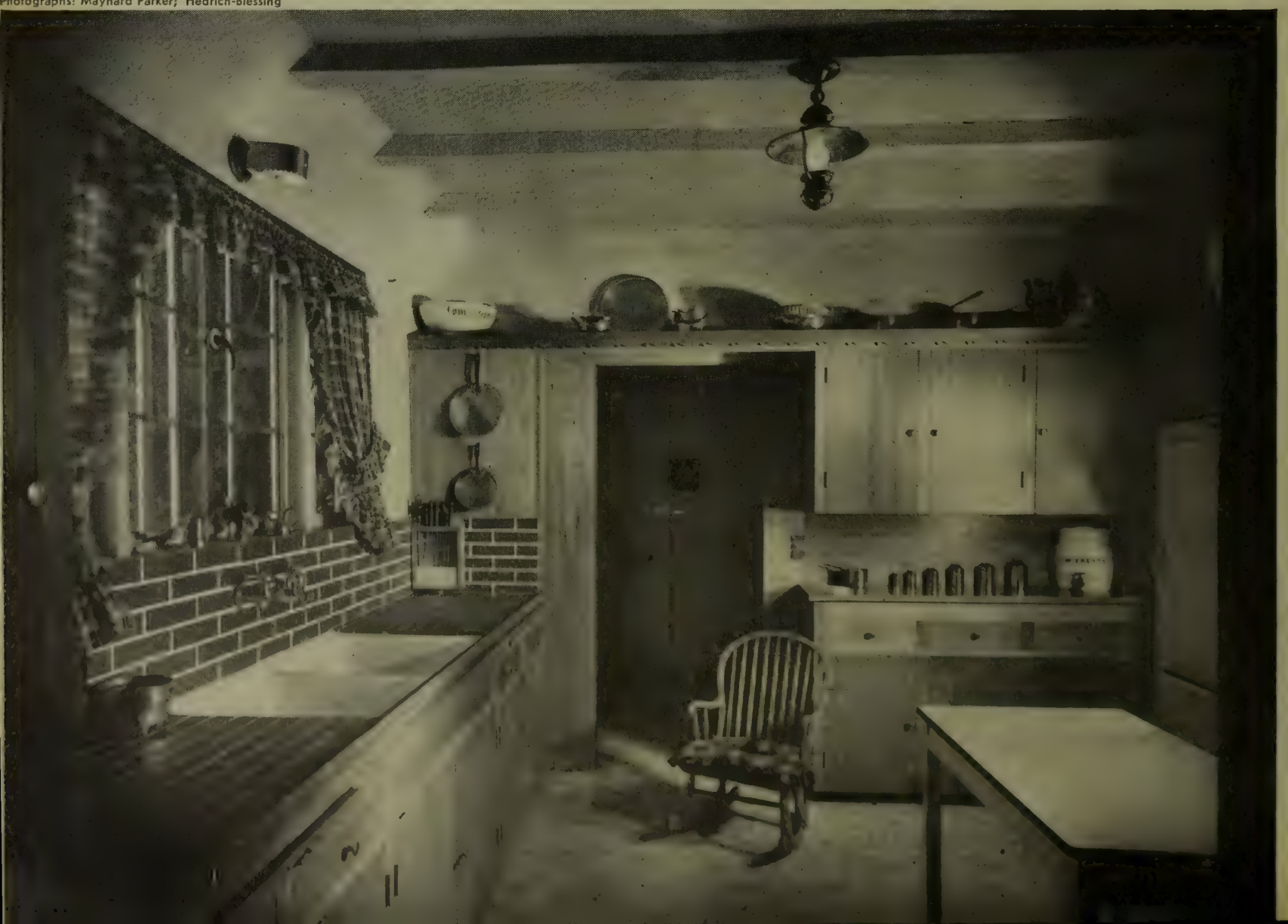


Convenience is coupled with Early American charm in this kitchen. Details like pull-out chopping and slicing boards are provided. Cabinets line all four walls. Collector's items of copper and brass brighten top shelf. Red and green plaid is used (below) for curtains and seat pad of Windsor rocker. Red tile counter and splash back, pale green wall, cream ceiling and floor complete color scheme. Edward Buzzell kitchen, Los Angeles

Your kitchen makes a big difference in how you feel about three-meals-a-day. Suit your kitchen to *you*. It can be sleek and white (right) or friendly as a rocking chair (left), and still be strictly up to tomorrow

By Ida Ruth Younkin

Photographs: Maynard Parker; Hedrich-Blessing



kitchens

A REALLY modern kitchen recognizes that life, even in the kitchen, isn't necessarily all work and no play.

A kitchen, of course, is first of all a workroom. The two kitchens shown here are just that, workrooms—but they're equipped to lend a hand with every job, arranged to make every step count. Then, having shown respect for the sober side of life, these kitchens tell you to have fun.

Look at the old rocking chair in the kitchen at the left—who's to say *you* can't sit there and peel the apples. Look at the sleek, white kitchen. It has a magic table that drops down from the wall for a lightning lunch. Look again—at the clever shelves, the chintz trim on the furring.

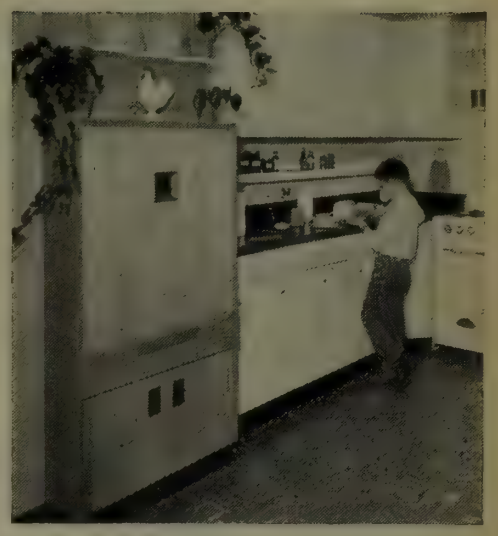
Now look carefully at your own kitchen. Does it need a new shelf, a fresh green plant, a gay-cushioned rocker? What can you add to make your job more fun?



Tip-down kitchen snack table provides open shelves for things you want to show off; closed shelves below. Electric appliance outlet is handy for plugging in toaster, waffle baker, or coffee maker. Table has composition top to resist spills, wipes off easily. Running the full length of cabinet wall, utility shelf holds often-used staples within convenient reach. Fluorescent tubes underneath shelf light the work counter



The best-dressed shelf, these days, frankly admits its purpose. Glamour shelves above the range combine old-fashioned curves with modern plexiglass uprights. When neighbors are too close for comfort, try a central panel of glass blocks for corner windows. This window is curved for a more gentle line. Sink is placed to light your dishwashing scientifically from left. Peoples Gas Light & Coke Company, Chicago





When cabinets don't quite fill the space, consider an open tray file—easy to use and especially convenient if located, as here, next to refrigerator to make serving easy

Cherry desserts and

Whether it's a party dessert, a birthday cake, or just something new for the family, you'll find an idea here



Latticed Cherry Pie Traditional February dessert appears with a crinkly lattice top. The strips are cut with a pastry cutter. For the top crust, weave the lattice on waxed paper on a cooky sheet. Then slide lattice onto top of filling



Ham Logs With Cherry Sauce A mixture of brown sugar and a dash of mustard glazes the ham logs. The sauce is quick and easy to make. You mix cornstarch and sugar; add the whole can of cherries, and cook mixture till thick



Mount Vernon Jelly Roll Spread some of your favorite cherry jelly or cherry preserves on tender sponge cake; roll. For a decorative touch, use maraschino cherries with long stems, tuck in a couple of shiny leaves. Slice at the table

By Tasting-Test Kitchen Staff

GEORGE WASHINGTON started it—this linking of cherries and February—when he cut down his father's cherry tree. And we're for keeping up the custom. Cherries, either canned or frozen, give a meal the lift it needs in February—a lift both in tart, fruity flavor and in cheery color.

For February, the month of holidays, there are delicate pink-tinted Maraschino Cherry Cake for Valentine's Day and perky Cherry Hats for Washington's Birthday. In fact, choose any of these and your meal will be a festive occasion—whether it's a holiday or one of the days in between.

Recipes on page 90

lauces





Photographs: Wesley Bowman

Cherry-Side-Up Cake

Grated orange peel, bran, and plump red cherries give distinctive flavor to this variation of an old favorite. While cake is still warm, cut it in squares and top each piece with a fluff of whipped cream

Maraschino Cherry Cake

This delicate, pink-tinted cake gets its good flavor from the maraschino cherries and California walnuts. It takes just five minutes of mixing time, uses only one bowl. For tinted frosting, add maraschino cherry juice

Cherry Hats

Mealtime replicas of George Washington's hat, complete with a perky leaf, for dessert on February 22. Dip the cherry filling into the flaky pastry. For how to make hats, see pictures on page 90



KNOW WHAT A

Dryer ⇨

CAN DO FOR YOU?

By Elaine Knowles Weaver and Jessie Prather

DRYERS are energy- and timesavers. With a dryer there need be no more waiting for a clear day to dry the family wash; no more toting and hanging of heavy wet clothes. You can slip clothes from washer directly into dryer beside. It's so convenient to use a dryer that with one you'll wash oftener, need fewer clothes and linens. Here are questions you'll have about dryers, and the answers to the questions.

How does a dryer work?

Clothes are placed in a perforated drum or basket which revolves to tumble and fluff them. A fan blows hot air at about 200 degrees through perforations in drum; thermostat regulates heat. Moisture evaporates from clothes, and passes as steam through exhaust. You set a timer; a few minutes before the drying period's up, heat shuts off to let most of steam escape before you open door.

Will it save work?

The biggest jobs on washday are lifting and carrying heavy baskets of wet clothes, hanging and taking down the clothes piece by piece. Instead, you can just bundle clothes from washer into dryer in 20 seconds. Nor do stormy days upset your washday when you have a dryer. No longer do you hang out your clothes, then have to take them down still wet, and rehang them in the basement as a shower blows up. A dryer saves you that trouble. And when a dryer is used, there's no clothesline to become sooty, or to break just as the last garment is hung.

Will it save steps?

Yes, definitely. Number of steps varies with each person. But according to one survey the average woman walks about *40 miles a year* while carrying and hanging clothes. *Turn to page 70*







Dry your twist rugs, bath mats so they come out soft and luxurious



Reuse quilts and mattress pads as tumbling Duffs padding



Make slipcovers fit glove-tight if taken from the dryer a bit damp



Eliminate ironing of corduroys, flannels, jerseys, seersuckers



Cut diapers needed to number at right. Reduce linens you need



Let you iron right from dryer. Damp sheets, clothes need no sprinkling

Photographs: Marion Pease



Fluff towels

See the difference between towels wet (above) and the same towels dry (below). The warm air-tumble treatment makes towels billowy, velvet-soft to skin. No soot or dust to mar freshness



Cut Down Food Bills with this Second-Helping Heinz Dish-



Romany Steak Pie—Brown 1 lb. ground round steak in skillet. Add contents of a tin of Heinz Condensed Cream of Tomato Soup, undiluted, and 4 strips bacon, sautéed and broken into pieces. Place in a casserole. Top with biscuits and bake in a very hot oven (450° F.) 15 minutes or until biscuits are a rich golden brown.

Taste the WONDERFUL DIFFERENCE in Heinz 57 Soups



You've probably enjoyed Heinz Soups for lunch or supper. But have you tried these old favorites in thrifty casserole dishes? Heinz Soups have flavor to *spare!* Careful cooking brews in the flavors of homemade noodles, fresh vegetables, chicken and other choice things. Ask for Heinz Cream of Tomato, Cream of Mushroom or other favorites. They taste *homemade!*

What a dryer can do for you

Begins on page

How long to dry my family wash?

Lightweight cottons and rayons will dry in 5 or 10 minutes, sheets in 25 or 30 minutes, terry towels or bedspreads in 30 to 40; rugs in a somewhat longer time; a mixed load from 30 to 60 minutes.

Can I partly dry items?

Yes, this is a dryer plus. You won't need to sprinkle clothes if you take them out of dryer when at just-right dampness, and iron them on the spot. You can set timer for any number of minutes to an h and you can stop dryer any to test or take out clothing. make of dryer has dial that you select the exact degree of ness needed, and automatic stops when garments are at desired dryness. Take sheets tablecloths out of dryer slig damp so tiny wrinkles won't in. If you iron them while they still steamy you'll be amazed h fast they smooth out and under your iron.

[*Turn to page*

It dries evenly a bag of small items



Put hankies, gloves, or anklets in a mesh bag made of two dishcloths. This way you keep all small items packaged for easy pickup



First the bag goes into the washer, then into dryer. Lift out when dry or semidry. One arm motion picks up many small pieces in bag



Iron semidry items steamy from dryer. Practice tells time to allow in dryer. Here we make quick work of hankies just right for ironing



Golden Cheese and Rice

Relishes and hot bread are all you need to serve with it—

2 cups cooked rice
3 cups shredded carrots
2 cups grated American cheese
2 beaten eggs
1½ teaspoons salt
¼ teaspoon pepper
2 tablespoons minced onion
½ cup milk

Combine ingredients; reserve ½ cup cheese. Pour into 1-quart greased casserole. Sprinkle with remaining ½ cup cheese. Bake in moderate oven (350°) 35 to 40 minutes.—*Miss Mary Shipp Sanders, Denton, Texas.*



Club Chicken Casserole

It's elegant enough for company, makes your company dinner easier to manage—

4 tablespoons butter or fortified margarine
5 tablespoons enriched flour
1 cup chicken stock
1½ cups evaporated milk
1 teaspoon salt
3 cups cooked rice
1½ cups diced cooked chicken
1 3-ounce can (¾ cup) broiled mushrooms, sliced
¼ cup chopped pimiento
⅓ cup chopped green pepper
½ cup slivered blanched almonds

Melt butter; add flour and blend. Add stock and milk and cook over low heat until thick, stirring constantly. Add salt. Alternate layers of rice, chicken, and vegetables in greased 6- by 10-inch baking dish. Pour over the sauce. Top with slivered almonds. Bake in moderate oven (350°) 30 minutes. Serves 8 to 10.—*Mrs. Uel P. McCullough, Goodyear, Arizona.*



Shrimp Curry

You can have it ready in just 30 minutes—

1 cup rice
1 teaspoon salt
2½ cups boiling water
1 10½- or 11-ounce can cream of chicken soup
¼ cup light cream or top milk
1 teaspoon curry powder
1 pound fresh shrimp cooked and cleaned

Wash rice; drain. Add salt to boiling water. Add rice. Cook till tender, 20 to 30 minutes. Drain. Combine chicken soup, cream, and curry powder. Add shrimp and heat thoroughly. Serve over hot, fluffy rice. Serves 4 to 5.—*Mrs. Leo M. Davis, Dallas, Texas.*

Cooks' Round Table of Endorsed Recipes

Desserts



Orange Upside-Down Cake

The cake itself has the flavor of fresh oranges, too—

¼ cup butter or fortified margarine
½ cup brown sugar
½ cup granulated sugar
2 or 3 oranges, peeled and sliced
½ cup California walnut halves
½ cup shortening
1 cup sugar
2 well-beaten eggs
1 teaspoon grated orange peel
2 cups cake flour
½ teaspoon salt
2½ teaspoons baking powder
¾ cup milk

Melt butter in 9-inch square pan. Add sugars; heat slightly and blend. Arrange orange slices and nuts in pan. Thoroughly cream shortening and sugar. Add eggs and orange peel; beat well. Add sifted dry ingredients alternately with milk. Pour batter over oranges. Bake in moderately hot oven (375°) 30 minutes. Let stand 2 or 3 minutes; invert on plate. Serves 8.—*Mrs. D. C. Linden, Madison, Wisconsin.*







Cake is quick, eggless. Cut orange sections and make hot orange sauce for the top—

3 tablespoons shortening
1 cup sugar
½ teaspoon vanilla
2 cups cake flour
½ teaspoon salt
2 teaspoons baking powder
1 cup milk
3 or 4 oranges, sectioned

Thoroughly cream shortening, sugar, and vanilla. Add sifted dry ingredients alternately with milk. Beat smooth. Pour into greased 6- by 10-inch cake pan. Bake in moderate oven (350°) 40 minutes. Cut in squares. Split and fill with orange sections. Serve hot with **Orange Sauce:** Mix ¾ cup sugar, 2 tablespoons cornstarch, and ¼ teaspoon salt. Add 1 cup orange juice. Cook until thick and clear, stirring constantly. Add 2 teaspoons grated orange peel; blend. Makes 1¼ cups.—*Norma McCoy, Des Moines.*

Orange Sunshine Dessert

Fluffy, whipped-cream dessert—delicate orange flavor. The kind of treat you like to serve at bridge—

1 cup orange juice
1 teaspoon grated orange peel
24 marshmallows, cut in half
2 tablespoons sugar
1 cup heavy cream, whipped
2½ dozen vanilla wafers
1 orange, peeled and divided in sections

Combine orange juice and peel; heat to boiling; add marshmallows and stir until dissolved. Cool. Add sugar to whipped cream. Fold into orange mixture. Chill. Line bottom and sides of 5- by 9-inch pan with whole vanilla wafers. Pour in filling. Chill thoroughly. Garnish with orange sections before serving; unmold, if desired. Serves 8 to 10.—*Mrs. Malcolm Pierson, Tampa, Florida. Note:* To unmold, line pan with strips of waxed paper; lift dessert from pan.

Fruit Ambrosia

A beauty to serve at the table. Arrange fruits as shown in the photograph—

3 oranges
1 grapefruit
1 cup mixed fruit cocktail, drained
2 bananas, sliced
2 to 3 tablespoons lemon juice
½ cup strained honey
½ cup moist, shredded coconut

Segment oranges and grapefruit. Arrange fruit in large bowl; combine lemon juice and honey. Sprinkle over fruit. Top with coconut. Chill. Serves 6.—*Mrs. J. B. Lundgren, Brooklyn, New York.*

Cooks' Round Table of Endorsed Recipes

RECIPES ENDORSED BETTER HOMES & GARDENS TASTING-TEST KITCHEN

Casseroles



Spanish Rice With Tongue

Top winner for February. Because it has the delicious flavor that comes with slow baking. Because it's excellent for your buffet suppers—

1 cup chopped onion
1¼ cups chopped celery
2 cloves garlic, crushed
3 tablespoons fat
1 No. 2½ can (3½ cups) tomatoes
1 teaspoon salt
⅛ teaspoon pepper
1 to 2 tablespoons brown sugar
1 8-ounce package American spreading cheese, diced
3 cups cooked rice
3 cups cubed smoked cooked tongue
1 3-ounce can broiled mushrooms, sliced

Cook onion, celery, and garlic in hot fat until golden. Add tomatoes and simmer over low heat until thickened, about 1 hour. Add seasonings and sugar. Add cheese; stir until melted. Add remaining ingredients. Bake in greased 2-quart casserole in slow oven (300°) about 1 hour. Top with ripe olive daisy.—*Mrs. M. H. Lax, St. Paul.*

Here's how to "fancy-up" a CHOCOLATE DEVIL'S FOOD CAKE





Top with whipped cream and dot with banana slices dipped in BAKER'S PREMIUM NO. 1 CHOCOLATE!

CHOCOLATE-DIPPED BANANA SLICES

3 large bananas
2 squares Baker's Unsweetened Chocolate
2 teaspoons butter or margarine

Cut 16 banana slices; dip in bittersweet coating, made by melting Baker's Chocolate squares with butter. Let stand on waxed paper until set. Slice remaining bananas and arrange on top of cake. Spread with whipped cream. Decorate with chocolate-dipped banana slices, arranging in 4 rows of 4 slices each. Cut cake in 2½-inch squares.



Youngsters love that grown-up feeling of having a hot beverage with their meals!



Expect compliments when you bake with . . .

BAKER'S CHOCOLATE!

Nobody just *eats* a cake made with Baker's Chocolate. They eat it and rave! And once you've *baked* with Baker's Chocolate, you'll agree there's just no substitute for that famous Baker *real* chocolate flavor. It's rich, pure chocolate that gives all your chocolate desserts *real* chocolate flavor and rich chocolate color.



Products of General Foods

And Baker's Breakfast Cocoa made with milk is so *good* for children. Not just at meal-times — but in their lunchbox vacuum bottles, and as an after-school drink — Baker's Cocoa is tops. Better ask your grocer for a can today. These crisp, cold days are no time to be without Baker's Cocoa. Grownups, as well as children, love the warm, flavorful goodness of Baker's Cocoa.

CHOCOLATE-LOVIN' FOLKS ENJOY THE WHOLE WALTER BAKER FAMILY!

DE LUXE DUTCH-PROCESS COCOA · SEMI-SWEET CHOCOLATE CHIPS · DOT CHOCOLATE · BREAKFAST COCOA · GERMAN'S SWEET CHOCOLATE · PREMIUM NUMBER ONE

Discovery found
ight in your
ISHPAN

you wash dishes . . . and the kind of
you use . . . can mean the difference
een sickness and health. Every
htful housewife should read these
ng facts.

HOW TO FIGHT COLDS, SICKNESS IN YOUR HOM



DREFT LEAVES NO

DANGER SPOTS

THE SLIGHTEST FILM OR CLOUDINESS IS YOUR WARNING

Even dishes and glassware that look clean have been revealed as a source of much sickness—a carrier of such things as colds, flu, intestinal ills, measles, scarlet fever, and other epidemic diseases. But the new Dreft way of washing dishes guards against this danger—as no suds ever did before!

DREFT helps protect your family's health

as no suds ever could before!

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r dishpan. But it's there! Even glasses
shes that look clean may actually carry
ss to the very ones you wish to protect.

s is a proved fact. For doctors have
that germs *breed* in dishwater film.
dishes that you've scrubbed hard, and
ed carefully often carry this germ-
ng film.

Ends Germ-Breeding Film. With this
ng dishwashing discovery—DREFT—
enace of dishwater film is gone—
'T leaves no film—it actually helps
t your family's health.

And this new way of dishwashing, made practical by DREFT, not only helps you safeguard those you care for—it is actually an easier, quicker, happier way of doing dishes!

New, Quick, Dreft Way. Wash your dishes in Dreft's abundant lasting suds. Give them a hot rinse (the hotter the better). Then let them drain dry. It's just as easy as that!

Dreft suds leave your dishes and glasses shining bright . . . even without wiping. Healthfully clean . . . film free—as no suds before Dreft ever got them!

Heed the warning of Public Health authorities . . . help protect your family's health.



DREFT WASHES DISHES SO CLEAN THEY SHINE EVEN WITHOUT WIPING!

Contest for good cooks

Cash for your pressure-pan ideas and rolled-cooky recipes

RECIPE contest this month pays $70 for Pressure-Pan Specials and Rolled Cookies. If you send us the best recipe, you'll receive $10; if you are one of 20 others sending prize recipes you'll get $3. All you do is mail your recipe to us. Here are some tips:

Pressure-Pan Specials include all except desserts. Your trick may be a whole-meal combination, like pork chops or stuffed flank steak with potatoes, onions, and carrots. Or you may have a single-dish specialty such as Italian Spaghetti, Chili Con Carne, or Baked Beans. And don't forget your pressure-pan vegetable dinners and stews. Also send us your ways with meat in a pressure pan—how you fix a pot roast, fry a chicken, barbecue ribs, or pressure-cook Swiss Steak. We want to know the way you tenderize and glamorize the thrifty meat cuts, how you cut cooking hours to minutes in your pressure saucepan.

Rolled Cookies include all the delicious kinds you make, from big old-fashioned sugar or ginger cookies to dainty chocolate crispies or vanilla wafers. Come September, you'll be getting out your rolling pin and cooky sheet to fill up that cooky jar for husky fall appetites. To publish your cooky favorites in next September's Cooks' Round Table, we need your recipes to test and judge now.

And remember, the winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement, and six copies of the endorsed recipe.

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it, "September Pressure-Pan Specials" or "September Rolled Cookies."
2. Print your full name and address clearly in upper right corner of recipe page.
3. Give measurements in level cups, tablespoons, and teaspoons, never in heaping or scant measurements.
4. Be sure to specify in your recipe the brand names of the nationally known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.
5. Include 50 to 100 words about the history or origin of your recipe.
6. All recipes submitted become the property of *Better Homes & Gardens*.
7. Entries must be postmarked by midnight, February 28.
8. Address the recipes you enter to 5402 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines 3, Iowa.

This month's winners

Cook-of-the-Month is Mrs. M. H. Lax of St. Paul, Minnesota. Her Spanish Rice is a 1-hour oven meal. You can get it ready in the morning.

Another unusual way to serve rice is Mrs. McCullough's Club Chicken Casserole, just right to serve when you have luncheon guests. Mrs. McCullough was given the recipe by a Swedish friend. Or try Mrs. Davis' Shrimp Curry with rice. You can fix it in 30 minutes.

Mary Sanders' Golden Cheese and Rice, flecked with shredded carrots, is as colorful as a burst of sunshine. Ideal for lunch with a green salad.

Orange dessert star is Mrs. Lindin's Orange Upside-Down Cake. Feathery cake is crowned with orange slices and sauce.

Mrs. Malcolm Pierson's Orange Sunshine Dessert is a marshmallow-whipped cream mixture, delicately flavored with orange juice and chilled in a vanilla-wafer shell.

For an economical dessert that's super special, try Norma McCoy's Cottage Pudding With Orange Sauce. Tender eggless cake is cut, filled with orange sections, and topped with a tangy orange sauce.

A refreshing ending to a filling February dinner is Mrs. Lundgren's Fruit Ambrosia, tingling with orange, grapefruit, and lemon flavors. Turn to page 73 to find these recipes. Look below to find the names of other winning cooks.

Honor Roll

Mrs. John Binder, Marshfield, Wisconsin.
Mrs. F. W. Cooper, Oakland, California.
Mrs. Leo M. Davis, Dallas.
Rose Marie Hallberg, Iron Mountain, Michigan.
Ethel Heiple, Auburn, California.
Edna Johnson, Sacramento.
Mrs. Ralph Leinbenger, Darlington, Wisconsin.
Theresa M. Lessmeister, Peru, Illinois.
Mrs. D. C. Lindin, Madison, Wisconsin.
Mrs. J. B. Lundgren, Brooklyn, New York.
Norma McCoy, Des Moines.
Mrs. Uel P. McCullough, Goodyear, Arizona.
Mrs. John T. Marrier, Jacksonville, Florida.
Mrs. Clarence B. Masterson, Detroit.
Mrs. Ethan Mellen, Oahu, Hawaii.
Mrs. A. D. Miller, Grinnell, Iowa.
Mrs. Stuart H. Morgan, Newark, Ohio.
Mrs. D. L. Pakulski, St. Paul.
Mrs. Malcolm Pierson, Tampa, Florida.
Mary Shipp Sanders, Denton, Texas.



Hot Rolls, yes!

and with Bisquick

Easy Betty Crocker method almost like making Bisquick biscuits, except that you add a little yeast to the liquid. Simple directions on Bisquick package. You're sure to succeed, even if you've never tried yeast dough before.

Your rolls are ready for the oven in a little over an hour. And how proud you'll be when you take them out . . . feathery light and fragrant, with a tender golden crust! So delicious with jam or jelly. Thrifty. Enough Bisquick in the big box for 4 to 6 dozen rolls. Why not serve these Bisquick Hurry-Up Rolls tonight?



CLOVERLEAF ROLLS: *Form bits of dough into balls of 1-in. diameter. Place 3 balls in each of 18 greased medium-sized muffin cups. Let rise and bake as for other rolls.*

General Mills

©1949. "Betty Crocker" is a trade name of General Mills, Inc.



● **Now make pie crust like Betty Crocker's**—Easy with Crustquick! Betty Crocker's pie crust in a package. Just add water for crisp, flaky pie crust. This new pie crust mix made with Gold Medal Flour, salt, pure shortening. For apple, lemon, *every* kind of pie. Try Crustquick!

Quite a dish

TO SET BEFORE A HUSBAND



IT'S CORN ON THE COB —WITHOUT THE COB

Want to give him that happy look of a small boy with butter on his chin? Then set him down to a piping dish of Niblets Brand whole kernel corn, always farm-fresh and tender. It's grown from special seed (D-138) by a scientific system of Flavor Farming . . . it's "packed at the fleeting moment of perfect flavor." Kernels from four golden ears in every can.

Listen to the Fred Waring Show on NBC every Friday morning for the Green Giant

NIBLETS BRAND *whole kernel* CORN

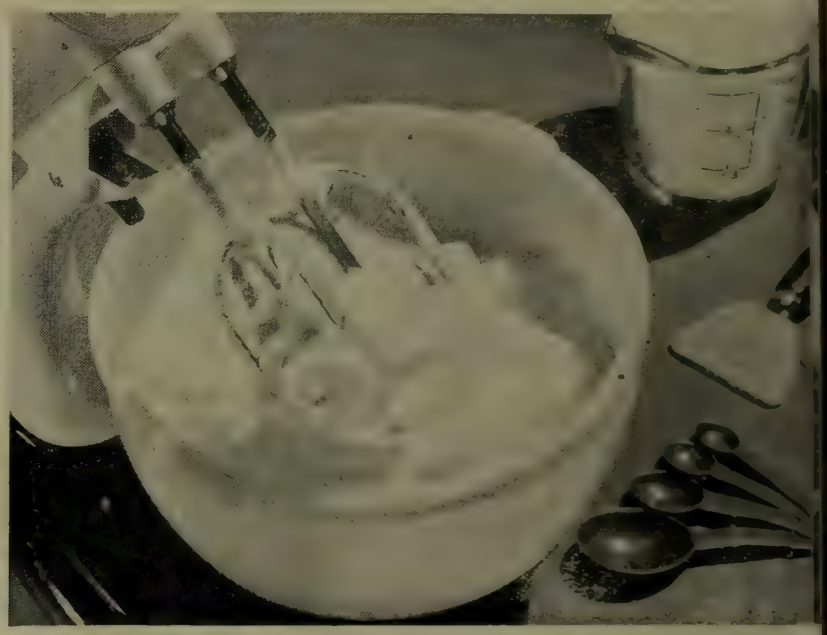
nnesota Valley Canning Company, headquarters, Le Sueur, Minnesota; Fine ds of Canada, Ltd., Tecumseh, Ont. Also packers of Green Giant Brand peas.

VCCo. "Niblets" and "Green Giant" Brands Reg. U. S. Pat. Off.

Perfect desser



1 There are 4 egg whites in the bowl. Add 1 teaspoon cream of tartar, ½ te spoon vanilla, and ½ teaspoon salt. Egg whites should be at room temper ture so they will whip up extra fluffy. Separate the eggs while they are co



2 Beat egg whites till stiff but not dry. Note the mixture in the bowl—the st peaks are still glossy. Next step is to add sugar. Have 1 cup measured an sifted to remove any lumps. Keep the beaters going and start adding the sug



3 Add sugar gradually, 1 tablespoon at a time. Beat after each additio until well blended. All the sugar should be dissolved. You might taste a litt of mixture to make sure—it should be completely blended, no sugar crystal

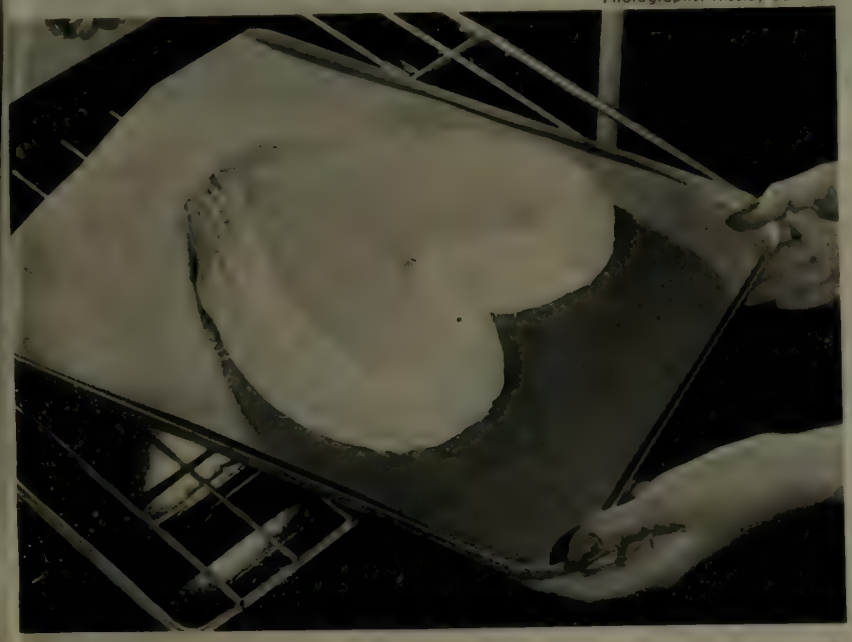
meringues

Each picture gives you a tip for making of perfectly tender, crusty dessert meringues



4 Heart Meringue: Line cooky sheet with unglazed brown paper. On it trace a heart from a cardboard pattern. Use a full recipe of meringue (4 egg whites). Smooth the fluffy mixture out to edge with back of spoon; build up rim

Photographs: Wesley Bowman



5 Bake meringue heart in slow oven (250°) 1¼ hours. Meringue will be delicately tinged with golden brown, crisp outside, tender and a little moist inside. Bake small, individual meringues in moderate oven (275°) 50 minutes



6 Fill meringue with ice cream, just before serving. Any flavor you like. We picked pink strawberry ice cream and garnished the dessert with fruit fresh from the berry patch. Use a pie server, or spoon and fork to serve the dessert



Try this pie for sighs! says Ann Pillsbury

A GLORIOUS PEACH DESSERT

Like golden gems, these juicy peaches are set in a crust so flaky and tender it swoons at the sight of a fork. And why not? It's a crust made with Pillsbury's Best—the satin-smooth flour that's been *oven-tried* for four generations, and is just as *oven-true* today . . . no matter what you bake! No flour—no, not one—more perfectly answers your every baking purpose. Why look further? Get Pillsbury's Best *today*—for best results *always!*

Ann Pillsbury's SUNNY PEACH PIE

Delicious, yes . . . but only typical of Pillsbury's Best results!

Makes one 9-inch pie.

Bake at 450° F. for 12 to 15 minutes.

Sift together . . 1 cup sifted **Pillsbury's Best Enriched Flour**
½ teaspoon **salt**

Cut in . . . ⅓ cup **shortening** until particles are size of small peas.

Add . . 2 to 3 tablespoons cold **water** until dough holds together.

Roll . . . . . to about ⅛-inch thickness.

Fit . . . . . loosely in pan and gently pat out air pockets. Trim pastry 1 inch beyond rim of pan. Fold to form standing rim; flute edge. Prick crust with fork.

Bake . . . . . at 450° F. for 12 to 15 min.

Peach Filling

Combine ¼ cup **sugar**
3 tablespoons **cornstarch**

Add . . . . . 1 cup **syrup**, drained from one #2½ can sliced California Cling peaches

Cook . . . . . until thick, stirring constantly. Remove from heat.

Add . . . . . ¼ cup **orange juice**
1 teaspoon grated **orange rind**
1 tablespoon **butter**
⅛ teaspoon **salt**

Blend in . . . . sliced California Cling **peaches**

Turn into . . . . cooled pastry shell. Chill. Top with whipped cream, if desired.

You Bake Your Best with Pillsbury's Best

LOOK! A PEACH CHIFFON DIVIDEND . . . M-M-M-M!

Ann Pillsbury's GOLDEN PEACH CHIFFON

Soften 1½ tablespoons unflavored gelatin in ¼ cup cold water. Combine 3 egg yolks, slightly beaten, ¼ cup sugar, ⅓ cup orange juice, 1 teaspoon grated orange rind, ¼ teaspoon salt, 1⅔ cups sieved California Cling peaches (one #2½ can). Cook over boiling water until thickened, stirring constantly. Add gelatin and stir until dissolved. Remove from heat. Chill until partially set. Beat 3 egg whites stiff but not dry; gradually beat in ½ cup sugar. Fold gelatin mixture into egg whites. Pour into cooled, baked pastry shell. Chill until firm.

Pillsbury Extra-Value Coupons now packed in every bag

Pillsbury's BEST XXXX Flour

ENRICHED FLOUR for BREAD BISCUITS PIES and CAKES

PILLSBURY MILLS, Inc.

Parties
Peanuts
PLANTERS



MR. PEANUT Reg. U. S. Pat. Off.

In Half-Pound Cans



First aid to popular hostesses—
PLANTERS Cocktail Salted Peanuts!



Guests love 'em!



These PLANTERS products are also made in Toronto, and sold everywhere in Canada.

PLANTERS is the word for PEANUTS



Her home should welcome her friends—for casual boy and girl get-togethers especially. Have refreshment supplies on hand. You should be in the house but not in command. Circulate occasionally but don't be present constantly.

Are you helping your daughter to be popular?

By Marjorie Holmes

JINNY is a pretty girl of 17. Jinny has a nice home, nice family, and nice clothes, but surprisingly few friends. "Jinny likes Mother and Daddy best," her mother eagerly explains. "Aren't we lucky? She isn't always running around with boy friends and girl friends, and we don't have to worry about her."

But Jinny's mother *is* worried—you can see it in her eyes. Mothers (barring unduly possessive ones) just naturally want their daughters to be popular. Partly for the girl's own happiness, partly for their own. When you see your darling float off to a prom, you go, in a sense, yourself. If she's had a lovely time, your heart echoes the happy music of her voice. And if she's suffered, if her young eyes appeal to you, big and wet and bewildered over the hunched-up bed covers, if she begs, "Why, Mummy, *why* don't the boys dance with me?" your heart bleeds. It seems as if you've failed to show her the way.

Of course, the business of trying to make your daughter popular can be overdone. I remember Mrs. Webster, so frantic to see that her Betty had more clothes and more beaux than anyone else that she only succeeded in making both herself and Betty thoroughly detested. And often the most retiring youngsters lead happier, more successful lives when they grow up than the former butterflies.

EVEN so, the days of youth are brief and precious. At no time in anyone's life are the possibilities for ecstasy or utter heartbreak greater. And both depend to a large extent on so-called popularity.

I believe that parents *ought* to help their daughters have fun and friends. That when girls don't it is frequently our fault. Here are some of the ways you can help your daughter to popularity and self-confidence. [*Turn to page 82*

A Better Homes & Gardens child care and training feature

Start with the sweet country-cream flavor of

Del Monte Corn

BRAND

This is DEL MONTE *Golden Cream Style Corn* in the thrifty casserole below. Its sweet, hearty flavor is so rich it holds up in made-up dishes like this. And goes over just as big when you serve it plain.

You ought to know DEL MONTE *Golden Whole Kernel Corn,* too. Same remarkable flavor—in bright, plump, tender kernels.

All DEL MONTE Brand Corn is specially bred for higher natural sugar content and very thin-skinned kernels. Ask for it!



One more good food from the brand that puts **FLAVOR FIRST**



HARLEQUIN CASSEROLE

- 4 slices bacon, cut in ½-in. pieces
- ¾ cup chopped onion
- 2 tbsps. flour
- 1 can DEL MONTE Tomato Sauce
- 1 cup water
- ¼ cup finely cut parsley
- 1 No. 2 can DEL MONTE Golden Cream Style Corn
- ½ large head cabbage
- ¼ lb. American cheese, grated

Fry bacon till golden brown. Add onion; cook slowly till limp. Stir in flour; then tomato sauce and water, stirring constantly. Simmer 8 min. Add parsley, ½ cup of the corn, salt and pepper to taste. Cut cabbage in thin wedges; remove core and heavy ribs. Lay wedges in greased, shallow 6-cup casserole; pour sauce over cabbage; sprinkle with cheese. Bake in a moderate oven (350° F.) 45 min. or till cabbage is just tender. Arrange rest of corn, drained, heated and seasoned, on casserole and garnish with parsley as shown. Serves 4-6.

and you're sure of grand, good-eating —like this



What nutritionists say about the

6-way nourishment

from ***ENRICHED***

BREAD and FLOUR



So easy to give everyday meals a festive touch! Add cherries to muffins, or to biscuits cut in holiday shapes. And vary your menus with delicious kinds of breads from the stores.

utrition authorities give a prominent place in e all-round balanced diet to enriched breads d other baked foods. These scientists, whose o it is to show us how to eat well to keep well, y over and over that bread is a most economical urce of food energy. They call enriched bread n important carrier of nutrients" . . . they say contributes to better nutrition". See those gs up there? Read what these contributions ac- lly are . . . 6-way nourishment for you and ur family at meal-time and between-time!

S BREAD FATTENING?" Not a bit more than any other food of equal energy content. tritionists point out that the carbohydrates of ad are readily and easily converted into energy ich is then used by the body as needed.

SUCH DELICIOUS VARIETY at your baker's. Mouth-watering rolls, breads, cookies. Ask whether they're enriched . . . this added 6-way nourishment is important.

"RIGHT OUT OF THE OVEN" . . . those feather-light biscuits, muffins, cookies, cakes and pies that win cheers from your family and friends. Always buy flour labeled "Enriched."

SERVE PLENTY OF BREAD EVERY DAY. It's so economical, and so delicious. Look for the word "Enriched" on the wrappers of white bread you buy.

HEAT FLOUR INSTITUTE

Copyright 1949, by Wheat Flour Institute, 309 W. Jackson Blvd., Chicago 6, Ill.

Popularity

Begins on page 8(



Her appearance affects her personality. You can advise and suggest, but respect her judgment and the current fads beloved by her crowd

Her personal appearance

BEAUTY isn't everything; but to feel attractive gives a girl that self-confidence so necessary to social balance.

Teach her the principles of beauty care. Equip her with the proper beauty aids. Until she has established the habit, *see that she uses them*. Give her some of the excellent girls' magazines abounding in beauty advice—they will help to inspire her, and will save you considerable nagging.

Correct any physical defects she may have, such as a bad skin or crooked teeth. It simply isn't fair to a girl to allow her to grow up so handicapped. Dental braces or the services of a good dermatologist are worth every penny they cost, even if they mean sacrifices.

Allow her to wear her hair the way the other girls do. Keeping a girl of 14 or 15 in curls or pigtails is nonsense.



Her clothes are important. Shopping with girl friends sometimes instead of with you will give her confidence and deepen friendships

Her clothes

Don't insist that she wear outmoded or hated clothes. My own mother tells how a year of her life was almost ruined by having to wear high buckle overshoes instead of rubbers. "Papa was so afraid I'd get pneumonia. He couldn't see that those horrible clumping boots kept me [*Turn to page 85*

How to make a Wonderful Stew Thrifty, too—*with*



The delicious cooking sauce from California

FOOD PRICES SO HIGH, some families tew—and they do this:



her families get a thrifty stew for dinner ey greet Ma like this:



E SECRET is a quick little stunt with Hunt's to Sauce: Simply add a can of this Cali- a cooking sauce to your favorite recipe for Or use our good recipe below.

Remember—Hunt's is your best buy for flavor, richness, smoothness—*value!*

It's the *kettle-simmered* cooking sauce... zooming to amazing popularity. And—

Did we say *value?* Say! Hunt's is *all* tomato. No starchy fillers—just the flavory essence of vine-ripened tomatoes, seasoned perfectly. Yet it costs you but a few pennies a can!

So—get some Hunt's Tomato Sauce right away! Add it to your stews, meat loaf, casseroles, spaghetti, gravies. Make delicious, low-cost soups! Get Hunt's today!



BEEF STEW—HUNT STYLE

2 lbs. lean beef	*6 onions*
2 tbsp. flour	*6 potatoes*
2 tbsp. fat	*1 cup green peas*
2 cups water	*2 tsp. salt*
1 can Hunt's Tomato Sauce	*¼ tsp. pepper*
6 carrots	*½ bay leaf*
	⅛ tsp. thyme

Wipe pieces of beef with damp cloth, roll in flour. Brown in fat in heavy kettle or saucepan. Add water, Hunt's Tomato Sauce, and seasonings. Cover tightly and cook over low heat until almost tender—about 1½ hours. Then add prepared onions, carrots and potatoes. Cook about 30 to 45 minutes longer. Just before vegetables are tender, add the green peas. Serves six.

Hunt-for the best

Hunt's Fruits • Vegetables • Tomato Products

Hunt Foods, Inc., Los Angeles, Calif.



Why not get that new carpet now?

GOT A BEAUTIFUL NEW CARPET on your mind? Why not get it on your *floor?* Nothing makes a greater, quicker, lovelier change in a room.

So, don't put it off! Make the change now! Make magic with new color, new design, new beauty... in the *biggest single item in your room.*

Make tomorrow that long-delayed day when you go see the man who'll help you get the most for your carpet dollars—your local Bigelow dealer.

You pay just the price you'd planned. As much as $18.50 a sq. yd., if you're in a shoot-the-works mood. Or as considerate a price as $5.95. No matter what you pay, you get Bigelow's famous "quality you can *trust.*"

You have a wide-and-wonderful choice. In *every* price range, there's a thrilling array of colors, patterns, and surfaces. Traditional designs... or fresh modern motifs. Sculptured effects..."ankle-deep" textures.

You get a carpet you'll stay proud of. Each Bigelow Carpet is a master-blend of strong, springy imported wools. And how they hold their glowing good looks... their "lively" texture! One look... one touch... and you'll be glad you visited your Bigelow dealer, first!

Above: **Traditional charm,** fit for the finest setting. Ask to see Bigelow's Fervak 9420. The price is a pleasure—about $7.25 a sq. yd.*

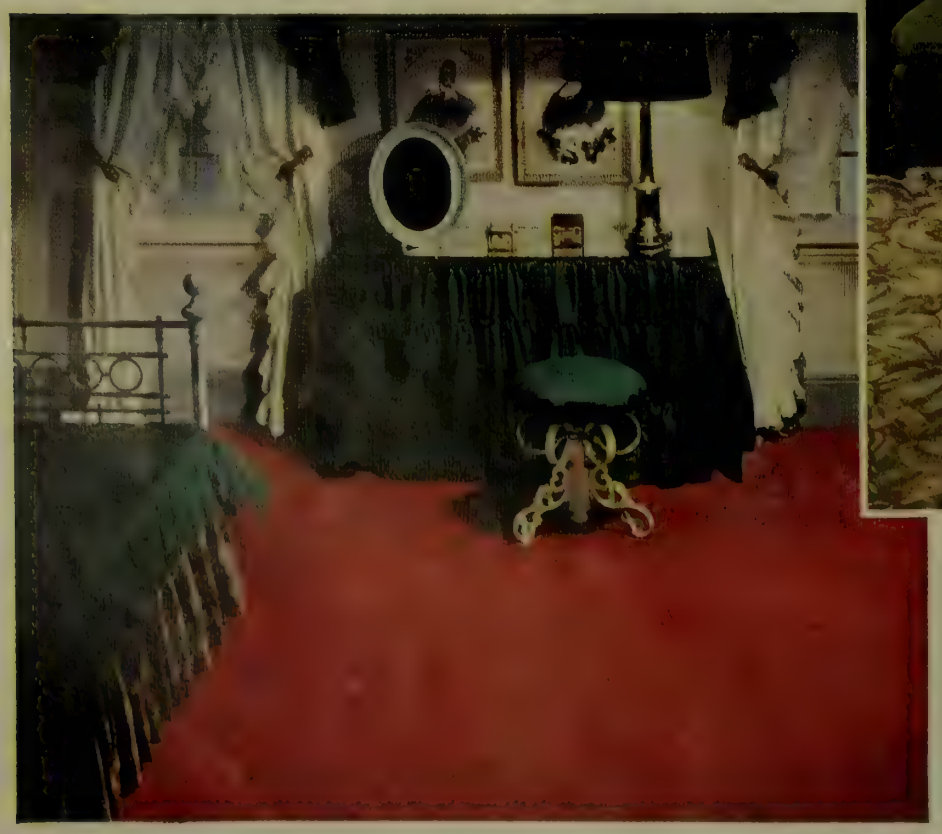
Right: **Fresh-as-air design**—lovely as a walk in the woods. Bigelow's Beauvais 1807, in a graceful leaf pattern. Around $9.50 a sq. yd.*

Below: **Deep-textured beauty,** at home with proud heirlooms or your newest treasures. Bigelow's rich and handsome Sonata 2103-3541, one of the most luxurious carpets ever woven. About $18.50 a sq. yd.*

*Slightly higher in the West.

For name of your local Bigelow dealer, call Western Union by number. Ask for operator 25.





LIVELY WOOL SPRINGS BACK UNDERFOOT

Bigelow

Rugs and Carpets

Beauty you can see... quality you can trust... since 1825

Continued from page 82

out of a lot of things. They branded me as queer and made me feel inferior."

Nearly everyone has had some similar experience. Yet, when it concerns our offspring, how often we insist upon "sensible" clothes instead of current fads! True, we families of average means cannot afford to grant every whim, but we can at least help our child's longing to conform.

Let her shop with girl friends sometimes instead of with you. Girls love helping each other select what to wear, and often such excursions cement the bonds between them.

Encourage her to make her own clothes if she has a flair for sewing. And don't stint her on materials. Even if she has a few failures, she'll make up for it in money saved later on. Furthermore, she'll be able to have that undeniable aid to popularity, an ample wardrobe.

Give her honest advice on how she gets herself up. The continual chant, "How do I look?" may be a nuisance, but it's also a real opportunity to help. Don't brush it off with a preoccupied "Fine." Look her over. If there's a jarring note, point it out. And if she looks extra sweet, or if the new sweater does things for her figure, say so. Compliments give confidence, even when they come from a mother.



Her privileges should be clearly defined. Be reasonable, neither too strict nor too lenient. When she's old enough and can drive carefully, occasional use of the family car is a lift to her poise and confidence

Her privileges

Don't be too strict. If your daughter can't share the general hours and privileges of her crowd, she will quickly lose out with them. True, she can't always go along with the majority. Sometimes you must insist that she stand alone. But be sure that your rules are reasonable.

Don't be too lenient. Strangely enough, this, too, can be a handicap. The girl who enjoys late hours and other freedom her associates can't have is resented and talked about.

Her friends

Make an effort to remember their names. Children are just as pleased at this as adults are. And you can certainly embarrass the new boy friend as well as your daughter by calling him Joe when he's really George. [*Turn to next page*

Ambrosia. Gold n'white n'coconut all over—heaven to eat—so thrifty and speedy to fix! That's Ambrosia! Just swirl luscious, tropic-fresh Baker's Coconut into a bowlful of tangy Sunkist Orange sections. Add sugar and grapes if you like. Other wonderful Ambrosia variations . . . combine Baker's Coconut with pineapple, peaches, or bananas.

Sweetheart Cake...so lovely, so easy with Baker's Coconut!

WANT HIM to kiss you at the dinner table on Valentine's Day? Bake him this romantic Sweetheart Cake—and drift it high with luscious, snowy Baker's Coconut!

For it's ten to one he *loves* coconut cake! Specially when the coconut's tender n'moist—*Baker's* Coconut!

You'll find Baker's Coconut in stores everywhere. Use it often!

For SWEETHEART CAKE, spread white cake with Coconut Frosting (see recipe on Baker's Coconut packages). Place wax-paper heart patterns on cake and edge with extra frosting. Remove patterns and fill heart outlines with red jelly. Drift snowy Baker's Coconut high around cake! Decorate with silver dragées.

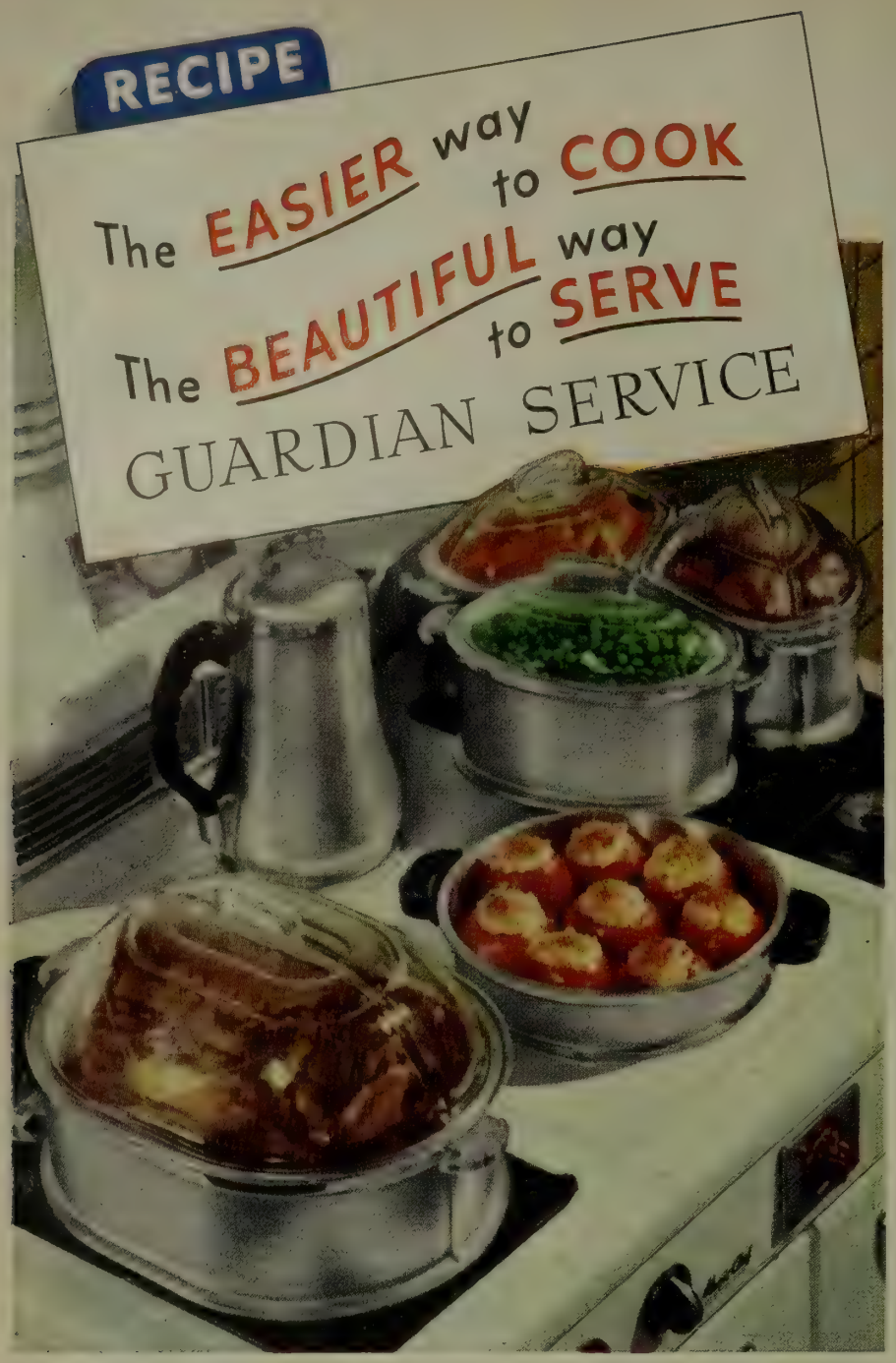
Cherry Coconut Pie. Dissolve 1 package Cherry Jell-O in 2 cups hot water. Chill 1½ cups of the mixture until slightly thickened. Then whip as directed on package. Fold in ¾ cup Baker's Coconut and turn into baked 9-inch pie shell. Chill. When almost firm, arrange 1½ cups drained red cherries on top. Chill remaining Jell-O until slightly thickened, pour over cherries. Sprinkle with tender, flavor-fresh Baker's Coconut!

BAKER'S COCONUT

NEW RECIPE BOOK!

For colorful, idea-packed "Coconut Glamour Desserts," send 10¢ to Baker's Coconut, Box D29, Battle Creek, Mich.

Products of General Foods



It's the world's finest combination cooking and table service equipment! Beautifully designed GUARDIAN SERVICE is made to last for years and years . . . truly a blessing to homemakers. There is a unit for every purpose . . . a purpose for every unit! GUARDIAN SERVICE means "*better family health through better food preparation.*" With this amazing equipment you cook the '*waterless way*' to retain more of the full, rich, natural vitamins, minerals and flavors in foods. All of your cooking, including roasting and baking, is done *top-of-stove*. Foods are served piping hot direct-from-stove-to-table. No need for special serving dishes . . . saves time and extra dishwashing. In fairness to yourself and to your family learn more about GUARDIAN SERVICE now.

NO OTHER EQUIPMENT COMBINES ALL THESE ADVANTAGES

VISUAL COOKING. Through the clear glass covers you see at a glance your cooking progress. No more lid lifting, steaming kitchens or cooking odors.



SAFE COOKING. Detachable, ever-cool handles *lock on* and *snap off* in a jiffy. Dangers resulting from overturned cooking utensils and overheated handles are eliminated.





EASY TO CLEAN There are no rivets, sharp corners or rolled edges. Perfectly *smooth* inside finish makes it easy to keep the beautiful utensils brilliantly clean.



EXTRA THICK, WIDE BOTTOMS. Patented flanged bottoms trap the heat, assuring even cooking temperatures. Cooking is done over a small flame. Saves fuel. No warping, sticking or hot spots.

GUARDIAN SERVICE is not sold in retail stores. Available only through authorized dealers in principal cities. *Consult your classified telephone directory.*

FREE booklet "*Better Family Health Through Better Food Preparation*" and complete GUARDIAN SERVICE information supplied on request. **WRITE:** Century Metalcraft Corporation, Dept. HF, 333 North Michigan Ave., Chicago 1, Ill.

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Popularity

Continued from page

Watch your telephone manners. The tones of your voice as you take a message can determine whether or not they will call back for Mary. Chat a minute or two if you have time. Never be guilty of jokes at their expense.

Don't outshine your daughter with her friends. "The kids come to see me as much as they do Dotty," is the ironic boast of a woman acquaintance. And she is witty, gay, a good dancer, in a way that puts poor Dotty in the background. Yet when prom times come she wonders why Dotty seldom has a date. Set your daughter the example of a pleasant, attractive personality. Use it to help her with her friends. But not to crash her crowd or become her rival.

Never brag about her to her friends or to their mothers. It is quick poison to popularity. Keep still about how beautiful she is, how smart, how many boys rush her.

Never interfere in times of trouble. Resist the temptation to scold those catty girls for what they said about Nancy, or to tell Mrs. Gordon how her John has treated your Jean! Such tactics only ruin your child's standing.



Her personality will develop through public contacts. She'll learn the value of a friendly smile in youth organization activities and community work

Her personality

TOO many parents give their daughters pretty clothes and permanents, liberal allowances and dancing lessons, but neglect any instruction in what is far more important to popularity—an attractive personality. Does your daughter have these character traits which are vital to her charm?

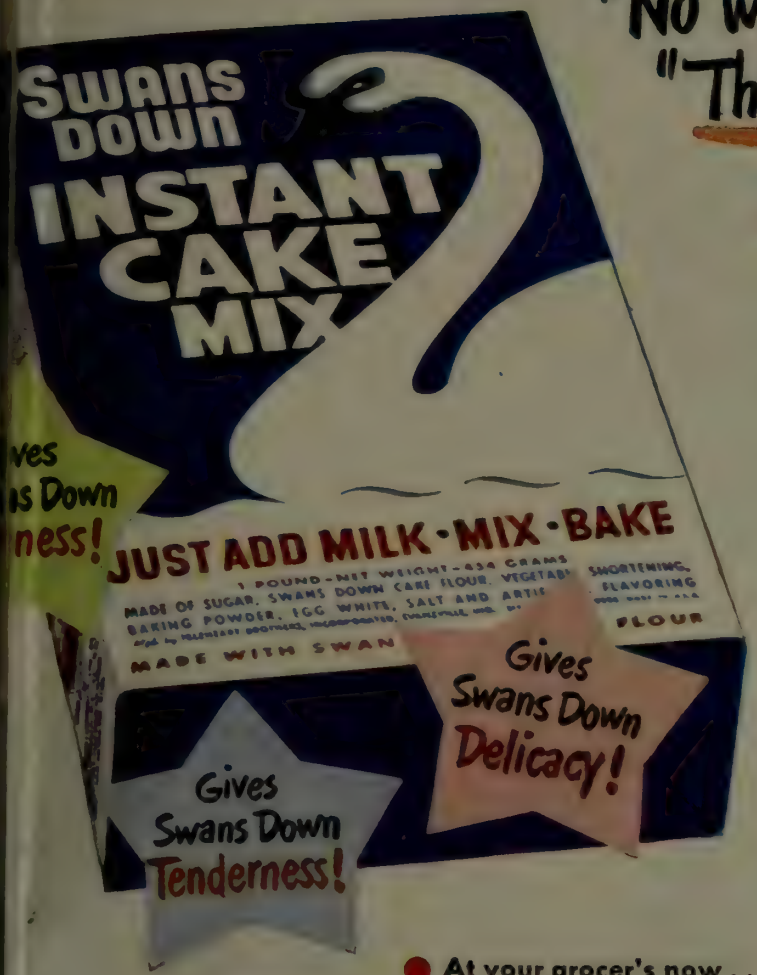
A happy disposition. People just naturally like others who are cheerful, rather than glum.

Agreeability. Can she get along with other people?

Generosity. Not only with material possessions, but with admiration and praise, particularly when someone else enjoys success.

Kindness. The simple elemental decency [*Turn to page 89*

...T! A mix that dazzles even experts!



"No wonder!" says Frances Barton. "This new cake mix is made with Swans Down Cake Flour!"



FRANCES BARTON, of General Foods Consumer Service

WOMEN have been excited about cake mixes ever since they appeared. So simple, so easy, so quick! And yet . . .

. . . many experienced cakemakers have hesitated. Mixes would do, they thought, for hurry-up cakes—not for festive occasions.

But now that Swans Down Instant Cake Mix is here—what a hubbub! Phones buzzing with the news . . . bridge hands forgotten . . . stores "all sold out". . .

"You can see why it's entirely different," women are telling each other. "It's made with Swans Down Cake Flour! Swans Down fineness, of course.

"And taste your piece again! Isn't that tenderness and delicacy just like the best cake you ever made?"

All the other ingredients in this new mix are worthy of Swans Down. That means the very best.

Two high layers of softest white cake slip proudly out of your pans. Yet all you do is add milk, beat and bake!

Yellow cake . . . devil's food, spice cake, orange cake, cookies, brownies . . . you make them all just by adding an extra ingredient or so.

And they all turn out with Swans Down perfection. Recipes with every box!

Get yourself an eye-opening package of Swans Down Instant Cake Mix today!

● **At your grocer's now . . . or coming soon!**



- **Egg whites taste fresh** as farm-fresh eggs in this Swans Down cake mix. They're "fluff-dried" by an exclusive process.
- **Sweet, fresh shortening** is the only kind good enough to go with Swans Down. It is an exceptionally stable, all-vegetable shortening that stays fresh longer.
- **Shortening is creamed,** just as traditional fine cakes have always been made. No sprayed or powdered shortening or other factory short-cut method.
- **Subtle flavoring!** Nothing loud or synthetic-tasting. A pure, delicate homey fragrance in every crumb!

Swans Down Instant Cake Mix

A product of General Foods

When a fellow welcomes hospitality

If you want to be technical, "hospitality" comes from a Latin word meaning rest and entertainment. If you want to be practical, it means, "Have a Coca-Cola." And that means refreshment, friendliness, relaxation—so casual, so complete.



Ask for it either way . . . both trade-marks mean the same thing.

COPYRIGHT 1949, THE COCA-COLA COMPANY

Popularity

Continued from page 86

which ought to prevent human beings from knowingly hurting each other, through word or act.

Charity. The refusal to gossip or be catty.

Whatever a child's temperament, these traits can be developed. And these simple old-fashioned virtues have far more to do with that glamorous achievement, popularity, than anything else.

Her home

Is it a place she can be proud of? Not elegant, necessarily, but cheerful, reasonably clean and tidy? I know a girl who seldom takes her friends home because her mother is always in club meetings and the housework never gets done. Kids don't object to unmade beds and a sink full of dishes once in a while, but they do have a pride in the decencies of living.

Are her friends always welcome in it? Last Christmas Eve four boys came to the door asking for Mickie. She was out caroling; we were frantically busy; but what mother can afford to overlook a haul of four boys! Despite her absence, we asked them in, let them help with wrapping and trimming, and paid them off in scrambled eggs and sausages. Singly or in groups they've been coming to the house ever since.

Are they really free to enjoy it? The living room and the kitchen, as well as the basement game room? Personally, I don't believe in continually shooing the younger set to the lower regions. They're noisy, sure, on occasion even destructive, but I've noticed that they come oftener to the home where they're treated like civilized human beings—and in general they live up to the treatment.

Is there a place where you can retreat while the crowd takes over? A chaperon on the premises is necessary, and you should feel free to circulate freely. But young people's spirits dampen when an adult must do his reading or knitting in their midst. If necessary, fix up your own cushion corner in the breakfast room, the sun porch, or the kitchen.

Have you a good stock of games with which a girl can entertain a boy friend when she doesn't know what else to do with him? Have you a table-tennis table?

Have you soft drinks in the refrigerator, pretzels and cookies in the cupboard? The girl who can always feed her friends will usually have a lot of them.

Does your home have a musical instrument? A radio, of course; a record player, a piano? Not all homes can afford all three, but some manner of music is a must for dancing. A piano is wonderful, since it forms a focal point around which to gather, on which to play those infinite varieties of chopsticks and boogie-woogie. I've noticed an increased swarm of youngsters since we bought ours a year ago.

Resign yourself to the noise, however. Nothing is gained by having your child's friends in, and then yelling at them.

Do you ever give your daughter a party? It's the best way in the world to win and influence friends for a daughter. It brings them to your home and often forms the nucleus of a crowd, if she doesn't already have one. It sometimes heals little breaches that may have sprung up in her group. Like anything else, parties can be overdone, but they are effective maternal aids, and are worth the effort.

There are, of course, rare instances where a girl has neither the flair nor desire for friendships. A girl so shy or self-sufficient that she honestly longs only to be let alone. In such cases it would be sheer folly as well as cruelty to press the issue. But to the average fun-loving girl, popularity is important. And rightly so, and you can help.

Tender golden kernels in their own rich cream



IT'S DEL MAIZ BRAND - THE CREAM STYLE CORN WITH THE GREEN GIANT ON THE LABEL



If you like summer-fresh corn—and like to get all the sweet corn cream along with the tender kernels—this is your dish. Each gold-and-cream forkful is rich in the goodness grown into our special breed of corn by "flavor farming." You'll find Del Maiz Brand Cream Style Corn at your grocer's—with your old friend, the Green Giant, on the label.

Minnesota Valley Canning Company, headquarters, Le Sueur, Minnesota; Fine Foods of Canada, Ltd., Tecumseh, Ontario. Also packers of Niblets Brand whole kernel corn and Green Giant Brand peas.

Del Maiz BRAND CREAM STYLE Corn

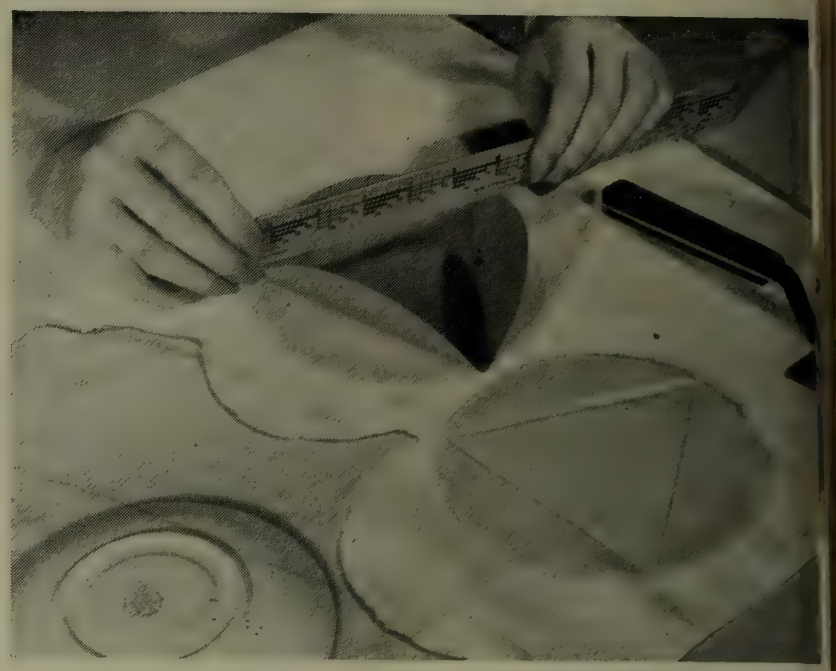
Listen to the Fred Waring Show on NBC every Friday morning for the Green Giant



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How to make Cherry Hats



1 Cut pastry into circles, 5 to 6 inches in diameter. Use a saucer for guide. Cut the same size circles from brown wrapping paper—these wi be used for the outside of the hat. Cut paper circles 1 inch smaller f the inside of the hat. Fold paper circles as shown in picture. Lay larg circle on pastry, and press each fold with ruler, as shown, to mark doug

Wesley Bowma



2 Place large paper circle under pastry, small paper circle on top. Moisten points of dough with cold water and pinch together to form the pastry hat. Fasten corners with paper clips. Be sure inside paper isn't caught between points of dough. Bake on ungreased cooky sheet in hot oven (450°) 20 minutes. Cool. Remove papers. Fill—see page 193

Cherry recipes

Latticed Cherry Pie

2 No. 2 cans cherries, drained (4 cups)
1 cup sugar
¼ cup enriched flour
⅛ teaspoon salt
2 tablespoons butter or fortified margarine
1 recipe Plain Pastry

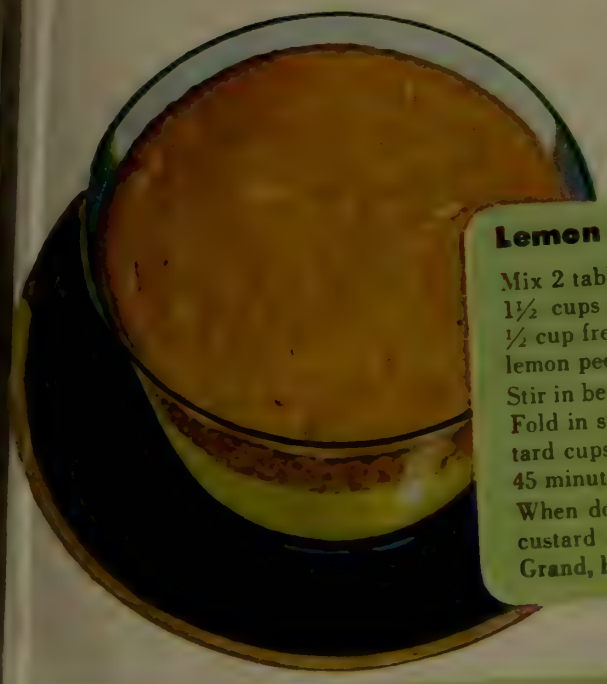
Line a 9-inch piepan with pastry. Trim ½ inch beyond rim. Roll remaining pastry 1 inch larger than pan. Cut in ½-inch strips for lattice. Weave lattice on waxed paper. Combine cherries, sugar, flour, and salt; fill pie; dot with butter. Top with pastry lattice. Flute edge. Bake in hot oven (450°) 40 minutes.

Plain Pastry: Sift 1½ cups enriched flour and ½ teaspoon salt; cut in ½ cup shortening until pieces are size of small peas. Slowly add 4 to 5 tablespoons cold water.

[*Turn to page 192*

3 welcome *budget-saving* desserts

Whip them up in a jiffy, serve and prepare to take a bow! They're delicious, easy and inexpensive. They have the satisfying tang that only fresh Sunkist Lemons can give desserts. (Lots more in the wonderful Sunkist Recipe Book. See below.)



Lemon Cake Top Pudding

Mix 2 tablespoons softened butter (or margarine) and 1½ cups sugar. Add ⅓ cup flour, ¼ teaspoon salt, ½ cup fresh Sunkist lemon juice and 1 teaspoon grated lemon peel.

Stir in beaten yolks of 3 eggs, mixed with 1¼ cups milk. Fold in stiffly beaten whites of the eggs. Pour into custard cups or single dish. Set in pan of water and bake 45 minutes in moderate oven (375°).

When done, each serving will contain delicious lemon custard at bottom, tender lemon spongecake at top! Grand, hot or cold. Serves 6.

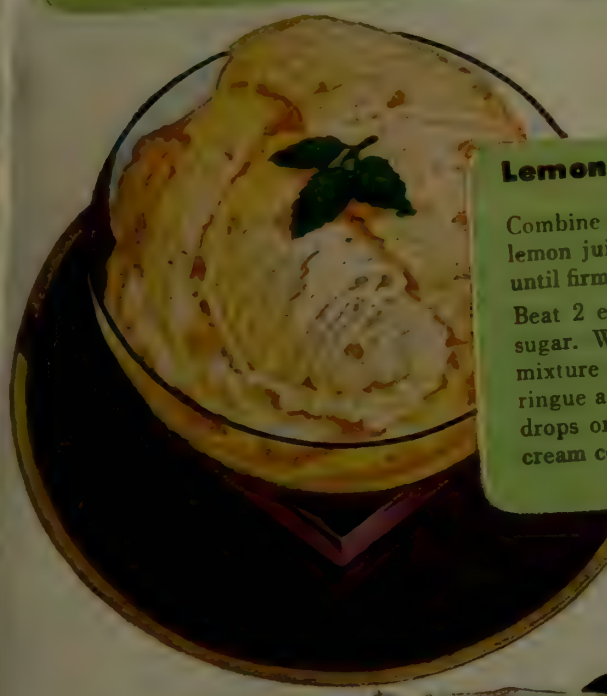
Apple Dumplings with Lemon Sauce

Peel and core 4 large or 6 small apples. Place on squares of rolled pie crust dough made with prepared mix. Follow instructions on package.

In center of apples put 2 tablespoons sugar, 1 tablespoon lemon juice, ¼ teaspoon cinnamon, ½ teaspoon grated lemon peel and ½ teaspoon butter. Moisten edges of dough. Fold over apple. Pinch seams together. Bake in hot oven (450°) for 10 minutes and 350° for 30 minutes longer or until apples are done.

LEMON CLEAR SAUCE: Mix 3 tablespoons cornstarch, 1 cup sugar. Add 2 teaspoons grated lemon peel, 2 cups cold water. Cook over direct heat, stirring constantly, until clear and slightly thickened. Remove from heat. Add ½ cup fresh Sunkist lemon juice, 4 tablespoons butter. Serve hot over dumplings. (Swell, too, over gingerbread or cupcakes!)





Lemon Crunch Ice Cream

Combine 2 cups milk, 1 cup sugar, ½ cup fresh Sunkist lemon juice and 1 teaspoon grated lemon peel. Freeze until firm.

Beat 2 egg whites to a meringue with 2 tablespoons sugar. Whip 1 cup whipping cream. Remove frozen mixture to a chilled bowl. Beat until fluffy. Fold in meringue and whipped cream. Add ½ cup crushed lemon drops or peanut brittle. Return to tray. Freeze to ice cream consistency. Serves 6.



Fresh California
Sunkist Lemons

Good ideas from the Sunkist Kitchen



BE KIND TO VEGETABLES!

They respond to good treatment. Don't drown them in a lot of water! Cook only until tender. Then recapture their fresh taste by squeezing a little fresh lemon juice over them, in the kitchen or at the table.

Lemon juice gives a magic lift to almost all vegetables, and especially carrots, beets, cabbage, spinach, broccoli, cauliflower, asparagus.

Try it on the vegetables you serve tonight.



KNOW WHY TEA *NEEDS* LEMON?

Next cup you drink you can *see*. As you add the lemon, the tea will turn from brown to clearest amber. That change means any bitterness is gone and the true *tea* flavor has come to life!

FRESH LEMONS PROVIDE VERY SPECIAL HEALTH VALUES

Fresh lemons not only supply valuable amounts of vitamin B_1 but also the rare vitamin P, and are among the *richest known sources* of vitamin C. Essential for youthful energy, sound teeth and gums, vitamin C is absent from most foods, scarce in most others. *You need it daily.* Fresh lemons are *important to health.*



LIKE PRUNES—DRIED FRUITS?

If you do, you will like them *better*, cooked this way. If you don't—cooked this way you'll *like* them!—

Simmer prunes and other dried fruits slowly until tender, in a small amount of water, with *three or four slices of fresh Sunkist Lemon.*

Slow simmering brings out the fruit sugars of dried fruits (you won't need to add sugar). The lemon makes them remember their tree-ripe flavor.

For the best lemons, get Sunkist in trademarked wrappers. Finest from 14,500 cooperating California and Arizona citrus growers.

For scores of wonderful new recipes, and ideas that make good foods better and housekeeping easier—**send for that famous Sunkist Lemon Recipe Book.** Free. Just write Sunkist, Sec. 5202, Box 2706, Terminal Annex, Los Angeles 54, California.

Chocolate Lovers!

Betty Crocker's NEW Chiffon!



RECIPE

FUDGE CHIFFON CAKE

Made the Betty Crocker way with light, delicate Wesson Oil*

Preheat oven to 325°. Mix ¾ cup boiling water with ½ cup cocoa. *Cool.*

STEP 1 Measure (level) and sift together
- 1¾ *cups sifted Softasilk cake flour (spoon lightly, don't pack)*
- 1¾ *cups sugar*
- 3 *tsp. baking powder*
- 1 *tsp. salt*

Make a well and add in order
- ½ *cup Wesson Oil*
- 7 *unbeaten egg yolks (medium)*
- *the cooled cocoa mixture*
- 1 *tsp. vanilla*
- ¼ *tsp. red coloring (optional)*

Beat with spoon until smooth.

STEP 2 Whip to form *very stiff* peaks.
- 1 *cup egg whites (7 or 8)*
- ½ *tsp. cream of tartar*

Do not underbeat. Beat stiffer than for angel food or meringue.

STEP 3...Pour Wesson Oil mixture gradually over whipped egg whites, *gently* folding with rubber scraper just until blended. DO NOT STIR. Pour immediately into ungreased 10-in. tube pan, 4-in. deep. Bake 55 min. at 325°, then 10 to 15 min. at 350°, or until top springs back when *lightly* touched. Immediately turn pan upside down, placing tube-part over neck of a bottle. Let hang, free of table, until cold. Loosen sides and tube with spatula. Turn pan over; hit edge sharply on table to loosen. 16 to 20 servings. Extra luscious with...

FUDGE ICING: Melt 3 oz. of unsweetened chocolate and 3 tbsp. vegetable shortening (such as Snowdrift) or butter, over hot water. Stir 2 cups sifted confectioners' sugar and ½ tsp. salt into 5 tbsp. *hot* milk. Add melted chocolate, beat well. Add 1 tsp. vanilla. Add 1 more tbsp. hot milk if needed.

**Of General Mills, Inc.*



What does so much to make the new Chiffon Cakes so angel-light, yet so moist and rich? Light, dainty Wesson Oil, the Chiffon Cake shortening used by the experts. And what brings out the fresh flavor of salads? Your home-made Wesson Oil dressing. With Wesson Oil, foods are *flavor-safe*. For salads *and* cooking—bring out the *best* flavor with America's favorite Salad Oil!

Wesson Oil **FOR SALADS & COOKING**

RECIPE

BLUSH-PEAR SALAD

Creamy Cheese Dressing!

6 canned pear halves, pear syrup and red coloring
½ tsp. salt
dash pepper
1 tsp. sugar
⅓ cup Wesson Oil
2 tbsp. lemon juice
3 oz. cream cheese
1 tbsp. milk
salad greens

Color syrup red; soak pears until pink. Drain and chill. Add seasonings to Wesson Oil and lemon juice; beat well. Blend cheese and milk till creamy; beat as you add Wesson Oil dressing. Taste! See how delicate Wesson Oil *plays up* flavor. Slice pears lengthwise; arrange on greens. Delicious, with this creamy dressing made with America's favorite salad oil!



218 RECIPES? Get new Wesson Oil and Snowdrift cook book "How to Win Compliments." 100 pages, full-color photos. Send name, address and 25c in coin to Wesson Oil & Snowdrift, New Orleans 12, La.

Do you serv



Spanish Liver. Liver slices are browned first, then bubbled gent in a sauce of onion, green pepper, and tomatoes. It takes an ho



Dinner Ring. Country sausage and ground, cooked liver are mixe with crumbs, seasoned with onion and horse-radish, baked in a mol

Photographs: Wesley Bowman



French-Fried Liver. One of the easiest ways to fix liver. You cut it in strips, shake it in a sack of seasoned flour. Then fry in deep hot fat

IVER often enough?

By Mary Lawton Wright

NUTRITIONISTS suggest you serve liver once a week. Here's why:

Liver is the richest of all foods in iron. A serving of beef liver gives you nine-tenths of your day's requirement. Pork liver has almost twice the daily need, calves' liver one-third.

Liver gives you more Vitamin A in a serving than you require for a day. Liver scores well in Vitamin B_1, too. And it furnishes the new Vitamin B_{12}, just discovered last year. Vitamin B_{12} is the substance essential to preventing and curing anemia.

The question: How to fix liver so your family will eat it and ask for seconds because it tastes *so good*. Here are five answers. Each answer is a main dish for dinner.

Recipes on next page



Liver Patties are cooked in skillet or broiler. They're tender, moist, slyly seasoned with onion. Wrap each liver patty with a strip of bacon



Liver-Vegetable Casserole is browned liver slices, rice, onion, celery, and mushroom soup. Its top is buttered crumbs and cheese

The Pride and Joy of Happy Millions!

Almost every woman falls in love with Revere Ware on sight. It is so rich looking, so beautifully designed. But the real joy comes when you first try these Copper-Clad Stainless Steel utensils. Revere "waterless" cooking seems to make foods taste so much more delicious while retaining their precious vitamins and minerals. Revere utensils are so easy to use—they save time and fuel because they heat up so quickly and evenly—they need so little watching—they're so easy to keep looking ever-new.

The purchase of Revere Ware is a good investment no matter what your budget may be, for the extra-thick copper bottom makes it practically indestructible. (We have never heard of a piece of Revere Ware wearing out.) There's a complete line which includes skillets, sauce pans, double boilers, sauce pots, Dutch ovens, coffee percolators. Truly, Revere Ware is just what you want. Buy it. To make sure you get it, look for the trademark in the thick copper bottom.

REVERE COPPER AND BRASS INCORPORATED
Rome Manufacturing Company Division
Rome, New York



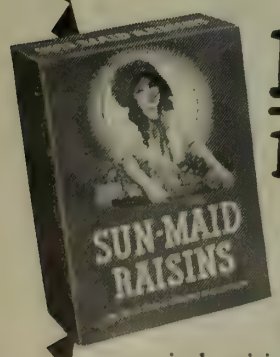
Packed with Nourishment and Flavor...

SUN-MAID RAISIN Bran Muffins



▶BRING ON ALL-BRAN MUFFINS for breakfast and you make a hit with everybody! Use your own recipe, adding ½ cup Sun-Maid Raisins (Seedless Nectar or Seedless) for each cup of All-Bran.

Fresh, sugar-saving Sun-Maid Raisins have a wonderful way of pepping up muffins, low-cost desserts and other economy dishes! Rich in iron, calcium and phosphorus, Sun-Maids add nourishment as well as flavor to your meals. Buy a box today — for cooking, baking and good eating!



FREE Recipe Book!

For your 32-page book of delicious economical raisin recipes, write Sun-Maid Raisin Growers of California, Dept. BH-17, Fresno, Calif.

FIRST CHOICE for FLAVOR and ENERGY



"It is SO more sanitary to let the air dry the dishes!"

Serve liver

Begins on page 92

Spanish Liver

3 slices bacon
1 pound liver
1 teaspoon salt
¼ teaspoon pepper
2 cups thinly sliced onion
¾ cup diced green pepper
1 No. 2 can (2½ cups) tomatoes

Dice the bacon and fry until crisp. Season the liver with salt and pepper, dredge with flour, if desired, and brown in the bacon fat; turn several times. Remove liver from the skillet; add the thinly sliced onions and green pepper, and cook until tender. Add tomatoes and liver. Cover; cook over low heat about 45 minutes. Uncover, increase heat, and evaporate the liquid until a consistency of a thick gravy; or add enough flour, if desired, to thicken the liquid slightly. Add salt and pepper to taste. Serves 5. It's the long, slow cooking that makes the liver so deliciously tender.

Dinner Ring

1 pound liver (beef, calves', pork, or lamb)
1 pound well-seasoned pork sausage
2 tablespoons chili sauce
2 tablespoons horse-radish
1 tablespoon grated onion
2 beaten eggs
2 cups dry bread crumbs
1 cup water

Cover liver with hot water; cover and simmer 5 minutes. Put through food grinder, using fine plate. Add remaining ingredients; mix thoroughly. Fill well-oiled 8½-inch ring mold. Bake in moderate oven (350°) 1 hour. Serve with chili sauce. Serves 8.

French-Fried Liver

1 pound calves' liver, sliced ⅜ inch thick
½ cup enriched flour
1 teaspoon salt
⅛ teaspoon pepper

Cut liver into strips ⅜ to ½ inch wide. Combine flour, salt, and pepper, and place in a paper sack. Add liver strips, a few at a time, and shake gently to coat liver thoroughly with flour. Fry in deep hot fat (360°) until browned. Drain on paper towels. Serve with chili sauce. Serves 5.

TUNA FONDUE



Easy to Make... Easy to Take!

You can put this tasty main dish together in just 10 minutes ... pop it into your oven for an hour ... and it's ready! For milder, more delicate flavor, be sure to use Star-Kist Tuna — either *New Chunk Style* Grated or Fancy Solid Pack. Such delicious flavor is found only in the smaller, better-tasting tuna — the only kind packed under the Star-Kist brand!

TUNA FONDUE

5 slices bread
1 7-oz. can Star-Kist Fancy Solid Pack (or *New Chunk Style* Grated) Tuna
½ cup (¼ lb.) grated Cheddar cheese
3 eggs
2 cups milk
1 teaspoon salt

Trim crusts off bread and cube. Cover bottom of greased 1½ quart casserole with a layer of bread cubes. Drain oil off tuna and flake on top of bread layer. Sprinkle with cheese. Add the remaining bread cubes. Beat eggs, add milk and salt. Pour over the tuna mixture. Bake in 325° F. oven for one hour, or until done. Serve with mushroom sauce if desired. Serves 6.

FREE TUNA RECIPE BOOK

Economical, kitchen-tested tuna recipes. Colorful, 24-page booklet! Write: Star-Kist Tuna, Terminal Island, Calif., Dept. 32.



Solid Pack or *Chunk Style* Grated ... Star-Kist quality is the same!

Liver Patties

1½ pounds liver
½ cup minced onion
2 well-beaten eggs
¾ teaspoon salt
⅛ teaspoon pepper
2 tablespoons enriched flour
8 slices bacon, partially cooked

Cover liver with boiling water and simmer 5 minutes. Grind and combine thoroughly with all ingredients except bacon. Shape into cakes and wrap a slice of partially cooked bacon around each; fasten with a toothpick. Cook in a skillet over low heat or in broiler until brown on both sides. Makes cakes.

Liver and Vegetable Casserole

4 slices bacon
1 pound liver, thinly sliced
1½ cups sliced onions
¾ cup sliced celery
2 cups cooked rice (½ cup uncooked)
1 10½- or 11-ounce can cream of mushroom soup
½ cup peas or Lima beans
1 cup milk
1 cup grated American cheese
½ cup buttered crumbs

Cut bacon in small pieces; fry to a delicate brown and remove from pan. Dredge liver in seasoned flour (½ cup flour, 1 teaspoon salt, ⅛ teaspoon pepper); brown in the bacon fat and remove. Cook onion and celery in the fat until golden. Add bacon, liver, rice, soup, peas, and milk. Mix well and heat to boiling. Stir in ⅔ cup of the grated cheese and add salt to taste. Pour into a well-oiled 2-quart casserole. Top with buttered crumbs. Sprinkle with remaining ⅓ cup grated cheese. Bake in moderate oven (350°) 20 minutes. Serves 6.

Recipes from Hawaii

Begins on page 62

Let's start with the shrimp you saw served in the big clamshell on page 62. They can be prepared a little ahead of time and kept hot in the oven. They're better served immediately; but unless you have someone to stay in the kitchen and cook them, you'd better resort to the oven treatment. Be sure to put them right into a hot oven, and don't cover them. So they won't steam and lose their crispness.

French-Fried Shrimp

1 cup enriched flour
½ teaspoon sugar
½ teaspoon salt
1 egg
1 cup ice water
2 tablespoons melted fat or salad oil
2 pounds fresh uncooked shrimp

Combine all ingredients, except shrimp; beat well. Peel shell from shrimp, leaving last section and tail intact. Cut slit through center back, without severing either end; remove black line. Dry shrimp thoroughly; dip in batter, holding the shrimp by the tail. Fry in deep hot fat (375°) until golden brown. Drain on absorbent paper. Serves 6 to 8 as a main course or 12 to 16 as hors d'oeuvres.

Serve shrimp in a big clamshell

[*Turn to page 180*

M-m-m... So Fresh! M-m-m... So Tasty!

Everyone loves Jane Parker Donuts! Such tempting flavor! Such plump, golden tenderness! And you *know* they're fresh . . . dated fresh* daily. No wonder over 2 million are enjoyed every day.

**Remember, when freshness fades, flavor fades.*

DATED FRESH DAILY . . .



Jane Parker

DONUTS

PLAIN OR SUGARED

AT ALL A&P STORES...EXCEPT ON PACIFIC COAST
MADE BY THE BAKERS OF QUALITY-RICH MARVEL BREAD

A&P

1859 - 1949 90th YEAR OF SERVICE

Quick to Serve

Van Camp's IMPROVED PORK AND BEANS

SPECIAL DELIVERY

Heat
Eat
Enjoy

n Camp's SINCE 1861 • Stokely's *Finest* SINCE 1898 • Honor Brand *Frozen Foods* SINCE 1933

Rolls—

ROLLS sweet and spicy, piping hot—folks just can't resist them. Bring them to the table hot as the oven.

Have a hard time keeping up with your family's appetite? These rolls are quick and easy to make. They take only half as long to make as ordinary rolls. You don't knead them at all. Just combine, roll out, shape, let rise once, and bake. Recipe is on page 98. Pictures show three kinds of rolls that are simple to do and fun to serve.

Butterfly Rolls



1 Let dough rest 10 minutes. Then roll into 10- by 15-inch rectangle. Brush with 2 tablespoons softened butter. Sprinkle with ½ cup brown sugar, 1 or 2 teaspoons cinnamon, and ¼ cup raisins. Roll. Cut in 1- to 1½-inch slices. Press handle of spoon down center of roll

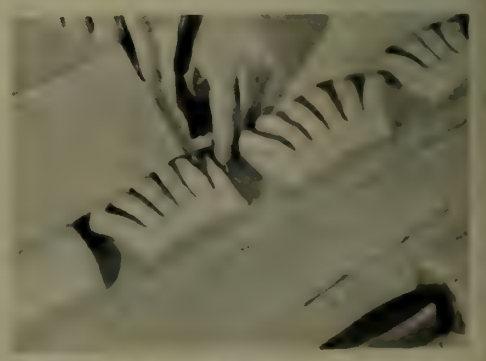


2 Place rolls, creased side up, in greased 8-inch baking pan so they nearly touch. Cover and let rise in warm place till double. Bake in moderate oven (350°) 25 minutes. Remove from pan. Spread rolls with this icing—¼ cup sifted confectioners' sugar blended with 2 to 3 tablespoons cream

Fan Rolls



1 Let dough rest 10 minutes. Roll into a 12- by 16-inch rectangle. Cut in half lengthwise to make two 6- by 16-inch strips, as shown in picture. Spread filling down the center of each strip. **Filling:** ½ cup sugar, 1 slightly beaten egg, and 1 cup finely chopped almonds. Fold edges of dough over the filling. Pat to flatten

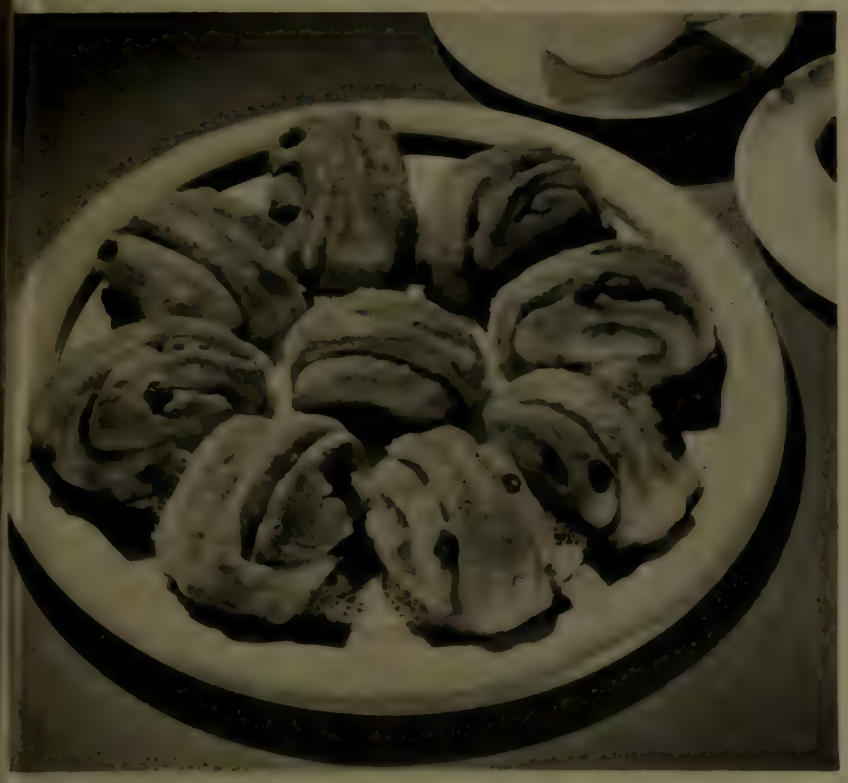


2 Cut each long roll into four 4-inch rolls. Cut 5 gashes in each roll, as we have in photograph. Spread sections apart to form fans. Brush tops with egg white. Sprinkle with 2 tablespoons chopped almonds. Press nuts into dough. Cover and let rise in warm place till double. Bake in moderate oven (350°) 25 minutes

sweet and hot!

New rolls that take no kneading

By Tasting-Test Kitchen Staff



3 Hot Butterfly Rolls, topped with creamy icing, filled with raisins, sugar, and spice. They call for coffee. So make a big pot and have it ready the minute the rolls come out of the oven. These would be a good idea for a party luncheon—serve them with a fresh-fruit salad plate



3 Fan Rolls, golden brown, a little crusty, dotted with toasted almonds. Wonderful for breakfast, with a big salad at lunch, or with tea or coffee

More pictures on next page



Quick as a wink...
Light as a feather!

Quick to make . . . only a few swift minutes by the kitchen clock! Just open the package, add milk, and griddle 'em. *Easy!* **Light to eat** . . . and *such* eating! Golden-brown pancakes or waffles drenched with butter and a spill of syrup . . . and only a few cents a serving!



Quick-Light

PILLSBURY PANCAKES

PLAIN OR BUCKWHEAT

JELLY-MASTERPIECE!

A couple of easy extra touches in the making of Quick-Light Pillsbury Pancakes give you this deluxe variation. Tempting, hearty, thrifty . . . an Ann Pillsbury idea that goes over big at either breakfast or lunch. Better hurry and get some Pillsbury Pancake Mix—how else could you brighten so many meals with so little effort? Don't forget . . . buy a package today!

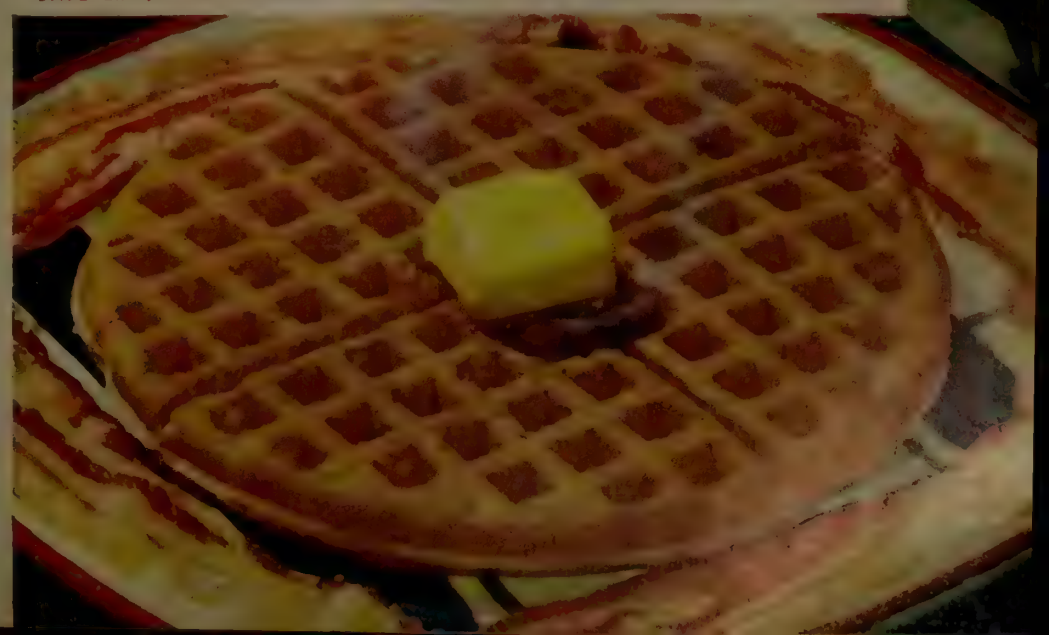
Ann Pillsbury's JELLY PANCAKE WEDGES

Makes fourteen 4½-inch pancakes.

Blend together 2 cups **Pillsbury Pancake Mix**
1¾ cups **milk**
1 **egg**
2 tablespoons melted **shortening**

Bake. . . . . on hot, lightly greased griddle; turn only once. Spread with jelly or jam; stack in layers of four and cut into wedges for serving.

SAVE EXTRA-VALUE COUPONS NOW PACKED WITH EVERY PILLSBURY PRODUCT



Now! All ready to Serve

Choicest Mushrooms Broiled in Butter!

Save Time and Money
with B in B
Broiled in Butter Mushrooms.
Packed 3 ways
for every mushroom use!



WHOLE CROWNS add zest to steaks, chops, meat patties.



Use CHOPPED for spaghetti sauce, meat loaf, soups.

SLICED CROWNS are wonderful in chicken à la King, with peas.

in B Mushrooms
ive you that
elicious broiled
butter
ushroom flavor!

in B Mushrooms are choicest
house mushrooms picked
en their flavor reaches
fection. They're especially
pared, broiled to a rich
wn color, and then packed
their own luscious broth.
economical. *No peeling
trimming no waste!*
n B Mushrooms are all ready
eat and serve.

You will enjoy all 3 styles of
B Broiled in Butter Mushrooms!

Rolls—sweet and hot!

Begins on page

Curlicue Rolls



1 Divide dough in two p
Let rest 10 minutes. Roll e
part into rectangle abou
by 11 inches. Add ½
ground figs and ¾ teasp
grated lemon peel to ½
boiling water. Combine
cup sugar, 1 tablespoon fl
and 1 tablespoon hot mixt
Stir into remaining hot
ture. Cook 5 minutes. C
spread on dough. Roll
snip as shown in picture,



2 Turn end slice from one roll toward center. Then turn end slice from other roll toward center. Continue alternating in two-way braid fashion as we are doing in photograph. Cover and let rise in warm place till double. Bake in moderate oven (350°) 25 minutes. When rolls have cooled slightly, glaze them with thin confectioners' icing



3 Curlicue Rolls, spiraled with fruity fig filling, look like a braided co
feecake. Make coffee or put out milk pitcher. It's every man for hims

Basic No-Knead Roll Recipe

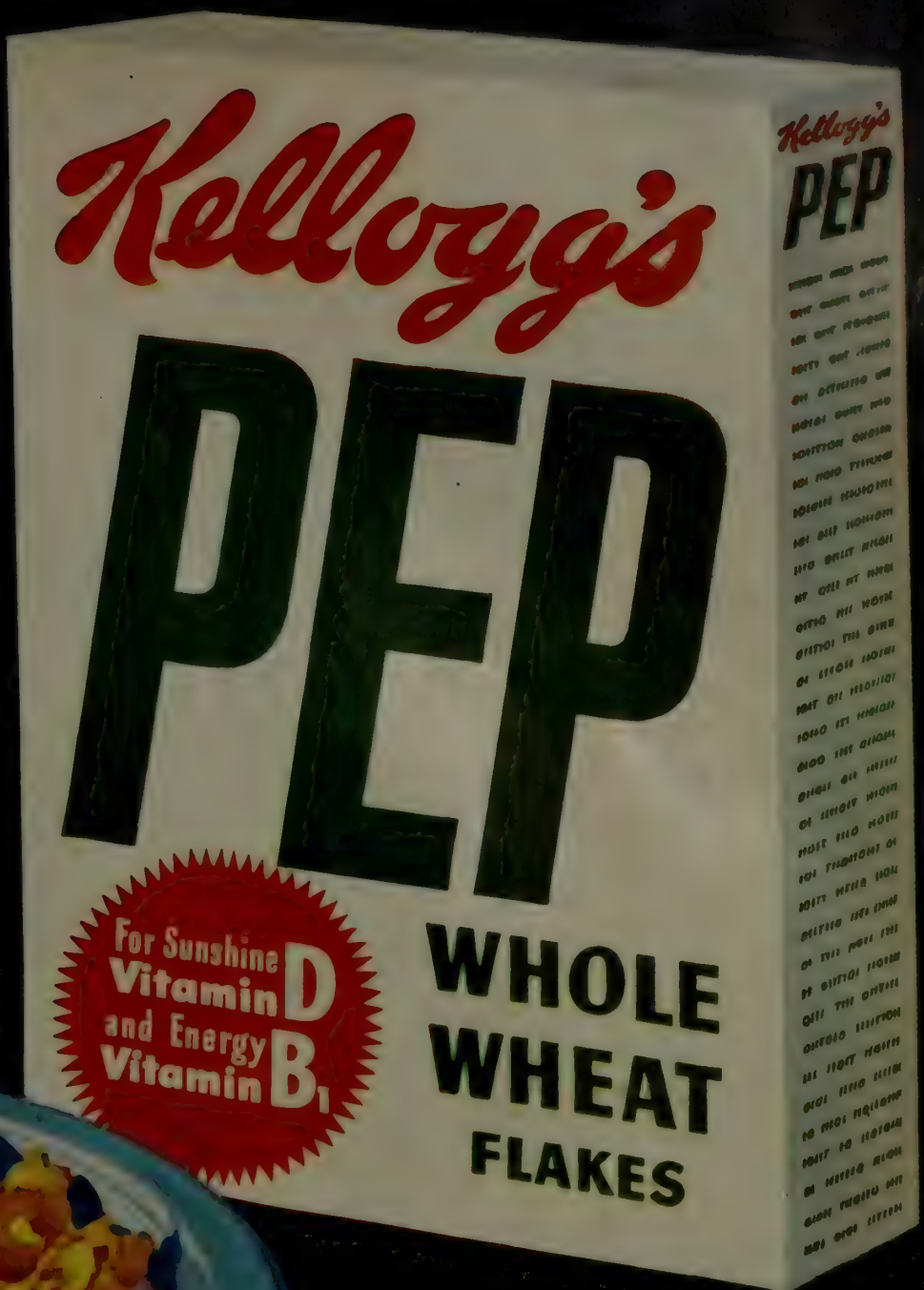
- ½ cup milk, scalded
- 2 tablespoons shortening
- ¼ cup sugar
- 1 teaspoon salt
- 1 cake fresh or 1 package granular yeast
- ¼ cup lukewarm water
- 1 beaten egg
- ½ teaspoon grated lemon peel
- 2½ cups enriched flour

Combine milk, shortening, sugar, and salt; cool to lukewarm. Add yeast softened in lukewarm water; add egg and grated lemon peel. Gradually stir in flour to form soft dough; beat vigorously. Do not expect a stiff dough. If desired, place dough in greased bowl, cover, and store in refrigerator 2 or more hours. Or turn out on well-floured surface. Let rise 10 minutes. Shape rolls according to step-by-step picture direction on page 96 and above. Cover and let rise in warm place (80° to 85° until double. (Allow about 1 hour rising time for unchilled dough and about 1½ to 2 hours for chilled dough.) Bake in moderate oven (350°) 25 minutes. Makes 8 to 10 rolls.

Butterfly Rolls and Fan Rolls are on page 96. Curlicue Rolls are above. See step-by-step pictures.



"I-M-M-
STEALING
MY STUFF!"





YOURS—in one ounce of Sunshine PEP . . . the day's need of Sunshine Vitamin D and Vitamin B1—toward a brisk morning start . . . *plus* the goodness of toasted whole wheat flakes! Get your PEP in the Regular Size!



Choose the one you love the best! Kellogg's Corn Flakes, Rice Krispies, Pep, Shredded Wheat, Krumbles, Bran Flakes, Corn-Soya.

PEP—just one flavor-favorite in Kellogg's VARIETY PACKAGE!

New breakfast call: "Come and *choose* it—from Kellogg's Variety Package!" You get smiling customers *easy*. This popular package holds 10 generous boxes . . . 7 different, delicious cereals. Flaked, shredded, or popped—and all KELLOGG-FRESH! Full of hearty nourishment that gives your family *better* breakfasts!
The favorite assortment,
because . . .

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Kellogg's

MOTHER KNOWS BEST!





Easy Recipe

Fruit Meringue Squares

Fruit cocktail makes party dessert of yesterday's cake!

2 egg whites
Few grains salt
¼ cup granulated sugar
6 3-inch squares plain cake
cups drained canned fruit cocktail
Whipped cream for garnish

egg whites with salt until stiff but not Gradually beat in sugar. Spread top and of cake squares with meringue, building ides slightly. Bake in slow oven (300 de- s F.) 20 minutes or until lightly browned. Cool. Heap well-drained fruit cocktail on top of meringue. Garnish with whipped cream if desired. Serves 6.

Fruit for dessert (below): wonderful way to top off a hearty meal or party-up a simple luncheon. Just open a can of cool, luscious fruit cocktail...and serve! No peeling, dicing, mixing. The work's all done, and you've never tasted a more superb blend of fruit flavors. Rich, golden California cling peaches, pineapple, pears, cherries, grapes. Five delicious fruits, best known as a "first course" but now used in dozens of new and different ways:

As fruit sauce on waffles, thrifty puddings, cake, cereals, ice cream. In tarts, pies, cobblers, gelatin molds, salads. For basting ham. Next time the recipe calls for fruit, try canned fruit cocktail. It's five times more tasty!

Copyright 1949, Cling Peach Advisory Board

Check the label—Choose your favorite brand of

Canned Fruit Cocktail from California

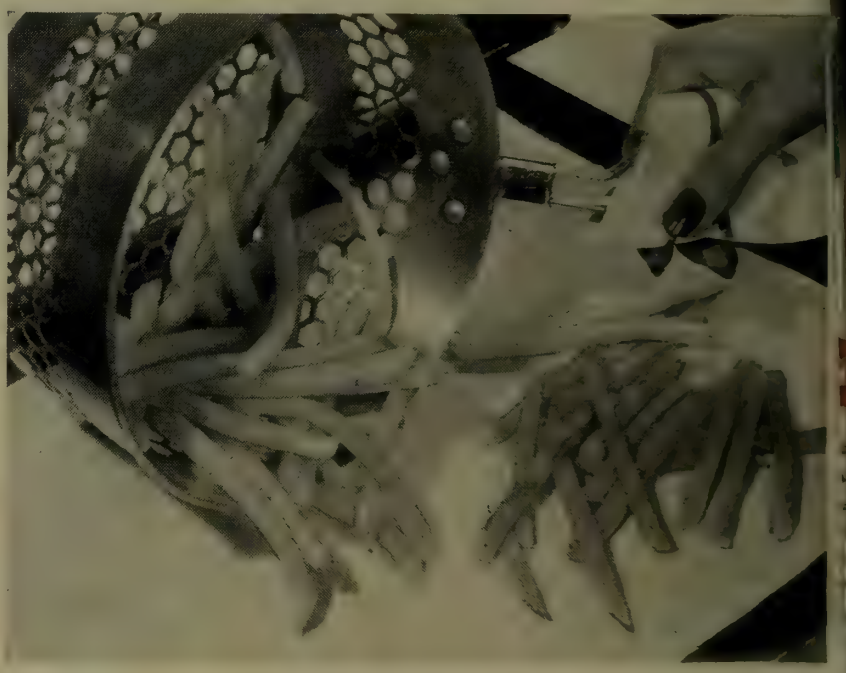
In glass or tin • wide variety of can sizes



Twice-cooked—that's the trick

THERE'S a trick to fixing French fries, to making extra-creamy Divinity, fancy Soufflé Potatoes, Crème Brulée (the famous French dessert), and main-dish Eggs Mollet. The trick is double-cooking. Watch us make these five recipes in the pictures below and on pages 102 and 104.

Cook tender, cook crisp—French Fries



1 Fry potatoes first in deep fat heated to 350°. Cook till tender but not brown. Drain on paper towels. This step can be done hours ahead. To prepare potatoes for frying: Cut lengthwise in ⅜-inch-thick strips. Dry between paper towels



2 Just before serving time, have fat heated to 390°. Fry potatoes from Step 1, above, till crisp and golden brown. Drain on paper towels; salt. Two-step French fries save time when it's needed most—in the last flurry of meal-getting

More on page 102

Upside down . . . and downright good

KARO* Syrup makes these breakfast, lunch and dinner treats downright good. KARO glorifies their appetizing appearance . . . emphasizes their delicious flavor.

KARO, Blue Label, blends superbly with fruits and spices . . . gives the Upside Down Cake and Cinnamon Rolls a delicious glaze. KARO, Red Label, points up the delicate flavor of the Orange Rolls. To convenient "ready mixes", or your own recipes for quick breads and rolls, KARO adds extra nourishment.



PRUNE-APRICOT UPSIDE DOWN CAKE

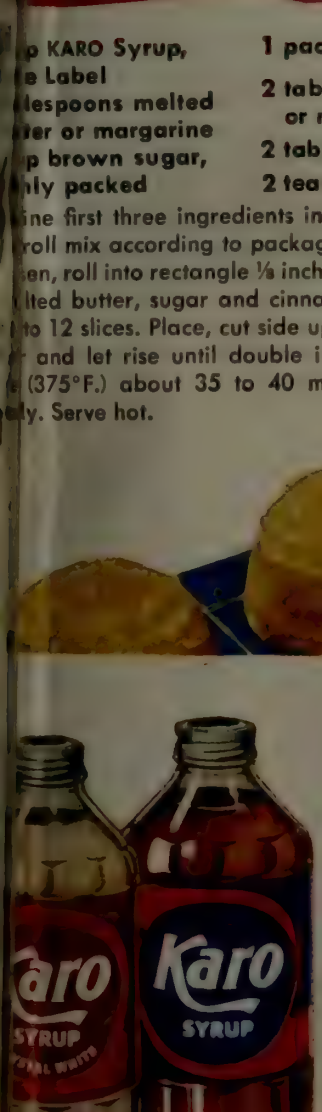
Combine first three ingredients of Cinnamon Roll recipe in 9 x 9 x 2½-inch pan and arrange 20 each drained, stewed prune and apricot halves. Use 1 package prepared cake mix according to package directions; pour over syrup-fruit mixture. Bake in moderate oven (375°F.) 45 to 50 minutes. Let cool in pan about 2 minutes; then invert on plate or rack. Serve warm, plain or with whipped cream.

INNAMON ROLLS

p KARO Syrup,
e Label
lespoons melted
ter or margarine
p brown sugar,
ly packed

1 package hot yeast roll mix
2 tablespoons melted butter or margarine
2 tablespoons sugar
2 teaspoons cinnamon

ine first three ingredients in large skillet. Prepare hot roll mix according to package directions. When dough en, roll into rectangle ⅛ inch thick. Spread with mixture lted butter, sugar and cinnamon. Roll as for jelly roll; to 12 slices. Place, cut side up, on top of syrup mixture. and let rise until double in bulk. Bake in moderate (375°F.) about 35 to 40 minutes. Invert pan immely. Serve hot.



ORANGE ROLLS

Combine ½ cup KARO Syrup, Red Label, ¼ cup sugar and 2 tablespoons butter or margarine; divide equally into 12 greased muffin or cup-cake pans. Mix together lightly ⅔ cup milk and 3 cups prepared biscuit mix; roll into rectangle ⅛ inch thick. Spread with filling made with 2 tablespoons each melted butter, and sugar, and 2 teaspoons grated orange rind. Roll as for jelly roll; cut into 12 slices. Place each slice, cut side up, in muffin or cup-cake pans. Bake in moderate oven (375°F.) about 30 to 35 minutes. Remove from pans immediately. Serve hot.

KARO is available in 1½, 5 & 10 lb. sizes.

*KARO is a registered trade-mark of Corn Products Refining Co., New York, N.Y. © C.P.R. Co., 1948

Get fixed to mix... IN SECONDS!

...IN A *St Charles* KITCHEN
CUSTOM BUILT FOR YOU!

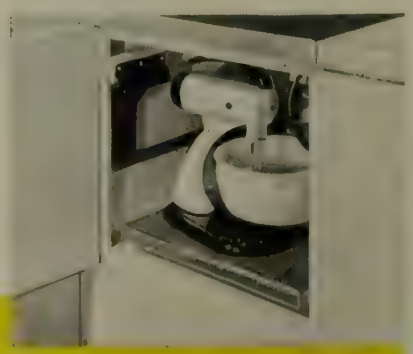


READY FOR ACTION

In this kitchen, see how everything is planned to save minutes and make things easy. The mixing area is ready for action in seconds...everything within reach on opening a door or drawer. The mixer flips up from its storage cupboard with an easy pull. The range is just a step or two away. Note the continuous counter.. the curved end unit... the snack bar which can also be used for service to the dinette. These are the marks of custom building ... the details that make the kitchen. Other St. Charles features in this kitchen include the towel drier with heater and blower, vegetable and fruit storage unit, base sliding shelves and tray storage unit.

In fact, you save minutes and steps in erything you do in the kitchen—prepar-g, cooking, serving, cleaning up—if your tchen is designed for your room...to our needs...then built to order exactly required. If you are budget conscious, d most of us are, the words "custom ilding" need not alarm you. Everything nsidered, a St. Charles Steel Kitchen sts no more and can be adapted to a room any size or shape. You get years of rvice with little or no upkeep cost, sides having, right now, the kitchen you ally want. Call your St. Charles dealer. e is a factory-trained kitchen specialist. et him design your kitchen and submit an timate. Then compare what it gives you convenience, in beauty, in intelligent anning, with any other kitchen made. If u do...you will choose St. Charles.

Below, see how the mixer is stored. Pulls out, like a typewriter, when it is needed.



SEND FOR THIS COLORFUL BOOK

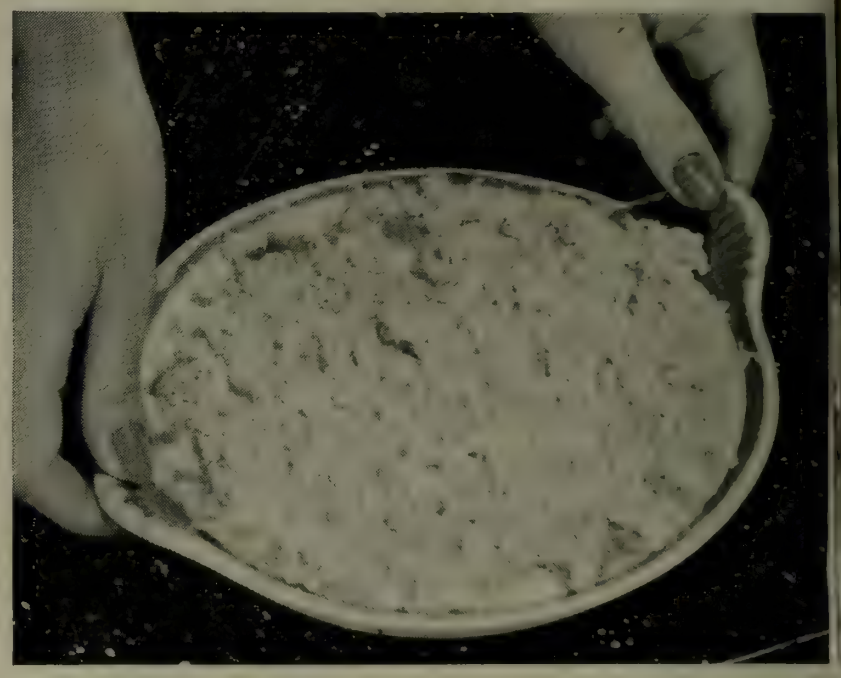
"Your Kitchen . . . and You"—showing color photographs of many St. Charles Kitchens as well as pictures of all units and accessories. Tell us if you plan to build or remodel soon. Enclose 10c to cover postage to St. Charles Manufacturing Co., 1689 Dean St., St. Charles, Ill.

St. Charles
THE *QUALITY* NAME IN KITCHENS

Make custard, broil—Creme Brulee



1 Make a soft custard: Beat 4 egg yolks, ¼ cup sugar, and a few grain salt. Stir in 2 cups scalded cream. Cook over hot, not boiling, water until mixture coats spoon, stirring constantly. Cool. Add 1 teaspoon vanilla. Chill in 8 inch round baking dish. An elegant chef's-style dessert you can do at home



2 Two hours before serving. sift ¾ cup brown sugar or maple sugar over custard. Set in pan; surround with ice cubes. Broil about 4 minutes. Custard has a bubbly brown crust. Now it goes back to refrigerator to chill till time to serve. Try it over peach slices. Or serve it as is. Elegant is the word for it



More on page 104

New glory for you — with America's Luxury Ham!



Glorious Flavor! Each and every Armour Ham is *hand-picked from thousands* for perfect quality.

Then *mild sugar-cured* and *tender-smoked* over hardwood and hickory fires.

This gives every slice of it so much more fragrance and flavor that folks will praise your cooking to the skies with each sweet and tender taste.

That's why there's glory for you—*new* glory—in America's Luxury Ham. Try it soon—like this:

Place two ½" slices of Armour Star Smoked Ham on a rack, 3½" below the pre-heated broiler unit. Broil 5-6 minutes to the side, turning once. (Pan-broil *slowly*, if you prefer.) Garnish platter with Lemon Cups filled with whole cranberry sauce. For other ham recipes, write Marie Gifford, Dept. 360, P.O. Box 2053, Chicago, Ill.

Tune in HINT HUNT—CBS Monday through Friday afternoons
STARS OVER HOLLYWOOD—CBS Saturday



The best and nothing but the best is labeled ARMOUR

"Our latch-string's out for Sunday Supper!"

Tomato bouillon **Stuffed olives in bacon** **RITZ CRACKERS**
Mushroom caps with shrimps **Frankfurters with cheddar cheese**

Gather your friends around the fireside for "something new" in *supper!* Serve soup in *mugs* and let them help themselves to hearty hot hors d'oeuvres and RITZ CRACKERS. Here's a sophisticated idea for a meal—and crisp, tangy RITZ CRACKERS make it click! Because no other crackers make soup or shrimp taste so zesty—are so delicious that folks eat 'em by *handfuls!* For hospitality with *cordiality,* serve RITZ CRACKERS *whenever* "your latchstring's out"!

NOTHING TASTES AS GOOD AS RITZ—BUT **RITZ!**

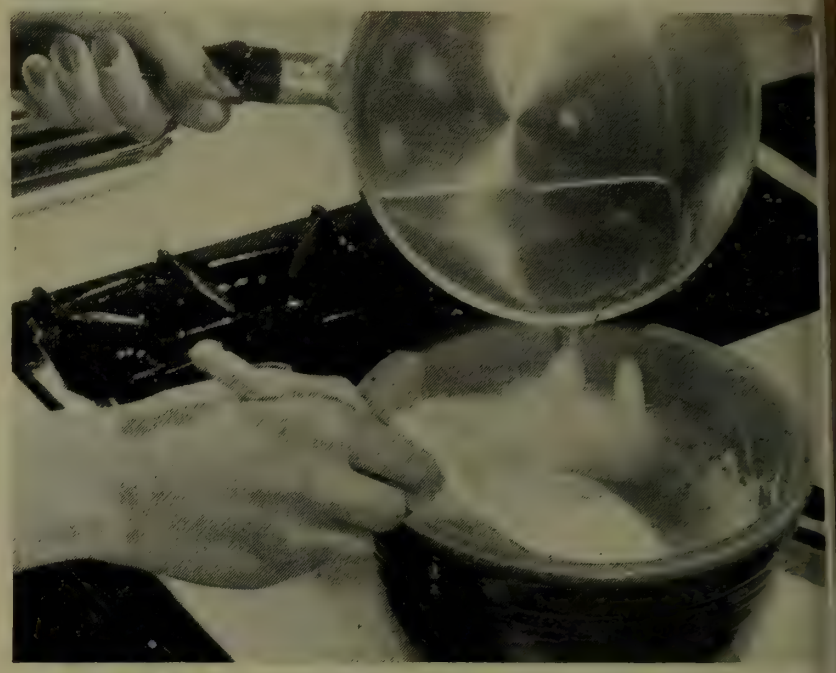


You buy the best when it's baked by Nabisco
NAtional BIScuit COmpany

Twice-cooked—

Continued from page 10

Cook soft-ball, then hard-ball—Divinity



1 Syrup's cooked first to soft-ball stage; part is added to egg whites; rest is cooked to hard-ball stage. Here's how: Put 2 cups sugar, ½ cup corn syrup, ½ cup water, and a few grains salt in saucepan. Stir. Boil gently to 240°. Gradually pour one-third of syrup over 2 stiff-beaten egg whites, beating constantly



2 Cook the rest of the syrup to 265°. Wipe off any sugar crystals on the sides of the pan. Beat syrup into candy mixture. Beat until mixture holds its shape. Add 1 teaspoon vanilla. Drop from teaspoon onto oiled cooky sheet. You make the peak with a swirl of the spoon. This double-cooked method of making divinity takes longer but it makes an extra creamy, fluffy candy



...so glamorous... so versatile... so useful!

You've pictured your dream dinette. With CHROMCRAFT furniture it can be a reality within your budget!

Shown here in Contemporary surroundings is CHROMCRAFT'S A110 DINETTE SUITE. The table top, 42" x 30" closed, opens to 62" x 30" to accommodate eight; and is made of mar, scratch and burn resistant plastic. Gracefully styled chairs are richly upholstered in stain, fade and scuff-proof Masland Duran. Steel tubing is superbly chrome plated for years and years of service. So easy to care for, so easy to clean—just whisk over the table and chairs with a damp cloth!

The CHROMCRAFT sectional buffet consists of four, smart oak pieces, hand-rubbed to a neutral "gray-mist" finish—a chest, china and two commodes with doors upholstered to match the dinette. Here are pieces you can arrange and re-arrange!

The A110 SUITE adapts itself to any interior, from Cape Cod to California Informal; is available in a host of colors to harmonize with any color scheme . . . Red, Blue, Green, Tan and Yellow. See them at your favorite furniture or department store!



Above: **A109 DINETTE SET** . . . 30" x 30" closed, 50" x 30" open. Plastic top, upholstered in all-plastic Masland Duran. In Red, Blue, Green, Tan, Yellow.

Below: **A121 DINETTE SET** . . . 24" x 30" closed, 44" x 30" open. Plastic top, upholstered in all-plastic Masland Duran. In Red, Blue, Green, Tan, Yellow.



LONA MASSEY, star of "LOVE HAPPY", a UNITED ARTISTS RELEASE



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Chromcraft dinettes

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Longer life for your home motors

Keep them clean and lubricated, inspect them regularly. That's how to avoid high repair bills ***By Ken Murray***

DO YOU take care of the small motors in your home? Or do you let them run until they break down, then have costly repair jobs done?

There are three basic rules for care of home motors:

1) Keep them clean.

2) Keep them lubricated.

3) Inspect them regularly, so you can spot trouble before it grows.

How often should you inspect motors? Motors receiving only periodic use, as on a vacuum cleaner or a mixer, need a complete annual inspection. Motors of electric fans, heating units, and refrigerators (except those sealed at the factory) can benefit from partial inspection once a month while in use, with a full inspection every year.

Watch any fixed motor's surroundings. Clean up trash that might fall into moving parts.

Most of the tips given here apply to small motors generally. As you check any motor, run through the entire group of photographs and disregard points which may not apply.



Cleaning of home motors is essential; this is what happens in a neglected refrigerator. Dust almost clogs ventilating ducts. This cuts efficiency, and dust drawn inside the motor will cause rapid wear

Photographs: Murray



Oiling of an open-type compressor motor in a refrigerator should be done twice a year, usually with lubricating oil of No. 10 viscosity. Fill oil cup or hole on front bearing (arrow) and oil tube leading to rear bearing. Clean motors with a dry cloth with a few drops of furniture polish on it. Dust condenser (right) every two months. You can clean or oil refrigerator motor without removing it from cabinet





Oiling of small motors, as in this mixer, should be done at regular intervals with just one drop of oil in each oil hole (left). Don't squirt the oil from a can; use a medicine dropper. Inspect carbon brushes (arrow, right) which supply current to a revolving part. They gradually wear down. Usually there are two plugs, one on each side, which you can unscrew to inspect brushes. When a brush wears down near the spring, have serviceman put in new brushes





To check a motor, turn it on and look inside through ventilating holes (left). If you see sparks, the brushes and rotating commutator need to be adjusted. Also sniff for odor of scorched insulation (right). And listen for unusual noise. Either is a sign motor is in need of a thorough overhauling by a serviceman

More on page 109

New low-cost magic for your dream kitchen



inch Kitchenaider-Mullinaider combi-on is tops in value. Note twin-bowls and nboards. Acid-resisting, porcelain enamel top. ple work-space and storage; sound-deadened rs; handy cutlery drawer. Mullinaider elec- garbage disposer makes it easy to fix meals clean up after them. Fits all Kitchenaiders.

LET'S imagine this lovely Youngstown Kitchen is yours. (You know, *it can be!*)

And when it is, revel in this thought: You'll be free forever of the garbage pail and all its messiness.

The kitchen shown has a 48″ Kitchenaider cabinet sink with a Mullinaider electric garbage disposer —Youngstown's newest kitchen magic. It grinds away your food scraps before they can accumulate, and whisks them safely down the drain.

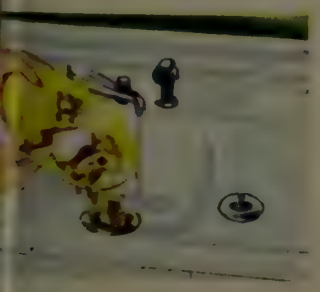
And that's only *one* endearing quality of these lovely, white-enameled steel beauties. You've storage space galore, with everything right where you need it for fixing meals, washing dishes and clearing up.

The price? Remember this — every Youngstown Kitchen is an arrangement of *standard* units, produced by the world's *largest* makers of steel kitchens. That's why they cost so little!

Ask your Youngstown dealer to help you plan a kitchen suited to your needs—or to install a Mullinaider in the Youngstown Kitchen you may already own. If you're building, specify Youngstown.

MULLINS MANUFACTURING CORPORATION
WARREN, OHIO
World's Largest Makers of Steel Kitchens

Youngstown Kitchens
BY MULLINS



rind away kitchen waste ith the safe, sanitary Mullin- der! Garbage is washed down rain. No mess, no fuss. Ask r free home demonstration.



Dishwashing's easy with swinging faucet and speedy rinse spray that reaches all parts of acid-resisting, porcelain enamel sink-top. Fine for cleaning vegetables, too. See your dealer.



SEND COUPON TODAY!

GET THIS EXCITING BOOKLET!
20 pages featuring beautiful Youngstown Kitchens in color. Full details on Youngstown units and tips on arranging a new kitchen. Enclose 10c to cover mailing cost. No stamps, please.

Please send me your Youngstown Kitchen booklet. I enclose 10c in cash.

I plan to remodel ☐
I plan to build ☐
I want Free Home Demonstration of Mullinaider ☐

Youngstown Kitchens
Mullins Manufacturing Corporation
Dept. B-249, Warren, Ohio

NAME _____ (PLEASE PRINT)
ADDRESS _____
CITY _____ ZONE _____
COUNTY _____ STATE _____ ★

To learn the name of a nearby dealer, call Western Union by number and ask for Operator 25.

a lesson in lighthearted housekeeping

Clock and calendar say Winter, but here's a room that sings o
It's a Daystrom room—and wouldn't you know it, with that look
luxury! Such easy elegance too! The table top is Daystrom's own plas
smooth, but hankering for hard wear. Washable Duran upholstery,
bright, is mounted on superbly styled *electroplated* chrome. (By the
hospitable table welcomes six, has an extension that zips in for a ful
extra seating space.)

DON'T WORRY! All Daystromite table tops are laminated plastic—resist heat, scratches, stains! They're even cigarette-proof!





-it's DAYSTROM furniture!

Look at the cook's nook! It doubles as a dinette, a desk area, or a durable work table. Not even hot casseroles or acids can mar that bright beauty of the plastic table top. It swishes clean—in a jiffy—with a damp cloth. (So, by the way, will the chrome-plated surfaces!) All Daystrom furniture is designed for hard wear, easy care, and modern, lighthearted livability. At furniture and department stores everywhere. Be sure it's Daystrom. You can have Daystrom dinette sets from $49.95* to $149.50*.

Furniture for casual living—featured by stores from coast to coast

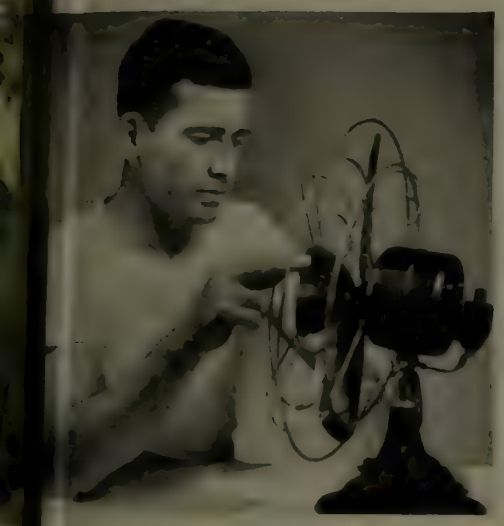
Daystrom Corporation, Olean, N. Y. • Daystrom Pacific Corporation, Pasadena, California

*Prices slightly higher in West and South.

DAYST

onger life for home motors

Begins on page 106



If your fan won't run, disconnect it and try turning blades by hand. If they turn easily, the trouble is probably electrical. Check the brushes for wear. A break in the cord may be responsible. Have a frayed cord replaced at once. If the fan is of the brushless, induction type, have a serviceman inspect the starting mechanism



fan blades are difficult to rn by hand, a bearing probbly needs oil. Also check to ee, if gears in oscillating echanism are jammed; the earbox cover (right) usually easy to take off. Add gear rease recommended by the anufacturer when it is needed



Temperature of a motor working properly usually will not rise more than 100 degrees above temperature of the surrounding air. To check temperature, use a lump of putty to hold bulb of a cooking thermometer against hottest part of the motor you are checking



Check to see if there is up-and-down or side play of motor shaft. If there is, it may indicate worn bearings which need replacing. Worn bearings reduce the air gap between moving and stationary parts, and eventually will cause damage

More on page 111

Supersorb for Super-man!

For the world's most wonderful child (who but your own?) Pacific's most wonderful towel! These glistening, gleaming rayon beauties are soft as an eiderdown puff against baby's tender skin. And they'll absorb water in no time flat . . . get baby dry even



before he's stopped wriggling! Try some of these wonder rayon towels today. They'll be favorites with the whole family. Pacific Supersorb towels are always identified by the Pacific label.

Also see Pacific's all-cotton smart printed towels (florals, novelties, juveniles) and our solid-color beauties



Look for the Pacific label also on Pacific Balanced Sheets, Pacific Silver Cloth, and on men's, women's and children's wear of cotton or rayon

PACIFIC MILLS, Towel Dept. BH2, 214 Church Street, New York 13, N. Y.

FOR BEAUTY, COMFORT AND PROTECTION

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There's a touch of gay, inviting charm about Canvas Awnings no other shade conditioner can achieve. Your home becomes a thing of pride and beauty...of cool, airy livability. Canvas Awnings lend their beauty and protection throughout the warm, sunny seasons of the year. They can easily be taken down during the cold, darker months when every ray of outdoor light is at a premium.

Your local awning dealer has a veritable rainbow of harmonizing colors from which to choose, and an infinite number of styles, designs and patterns to give full rein to your creative impulses. See him early in the season.

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The Canvas Awning Institute is organized to marshal every resource of art, science and industry in making better fabrics, better awnings and better service available to home owners and commercial users everywhere. Better awning manufacturers and dealers all over the country are cooperating with The Canvas Awning Institute, Inc., in making America a pleasanter place in which to live.

YOUR ASSURANCE OF BETTER FABRICS...BETTER AWNINGS...BETTER SERVICE

THE CANVAS AWNING INSTITUTE INC.

onger life for home motors

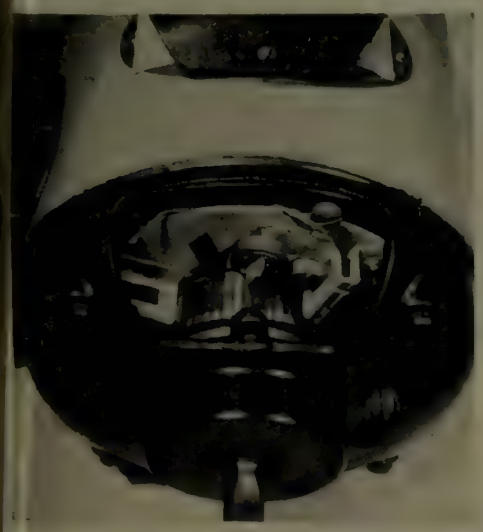
Continued from page 109



Motors with sealed bearings have no oil holes or cups. While such a motor is running, place your hand as pictured on the bearing housing. If there is vibration, it likely indicates damage which should be taken care of at once by an expert



lso look for the creeping of rease on the outside of sealed- earing housings. Such leak- ge must be corrected before ne bearing runs dry and is lamaged by lack of lubricant



On a brush-type motor, loosening one screw will let you lift off a plate and examine a rotating part which the brushes contact. This part (arrow), the commutator, should be smooth and have a high polish. But the color need not be that of copper; it may range from copper to straw or even to a dark chocolate color. If commutator is grooved or pitted, however, you will need an overhaul job



If you see black discoloration on the commutator, tie a piece of clean, grit-free, lintless canvas to the end of a wooden stick. Use it to wipe off the discoloration while the motor is running. Keeping this part clean is essential for efficiency



Only Briggs makes this Safety-Bottom—the world's safest, most modern bathtub feature!

Elegance under the eaves



You can have a *glamour* bathroom . . . even in the most unassuming space! Exciting use of color, drop-away dressing table, lucite shelf-doors—*all* add inches of importance. But the real stamp of "big bath" quality is in the fixtures . . . wonderful *Briggs Beautyware* fixtures!

Super-smart, glistening and smooth—these exclusive Briggs plumbing fixtures look as though they cost a fortune. Yet they *don't!* Actually only Briggs gives you premium quality stainproof porcelain enamel and tarnishproof chromium plated fittings at *no premium price.* This not only saves you money and cleaning time, now . . . but assures *permanent beauty* for years to come! For more "bright ideas," write for free bathroom booklet. Briggs Manufacturing Company, 3007-B, Miller Ave., Detroit 11, Michigan.

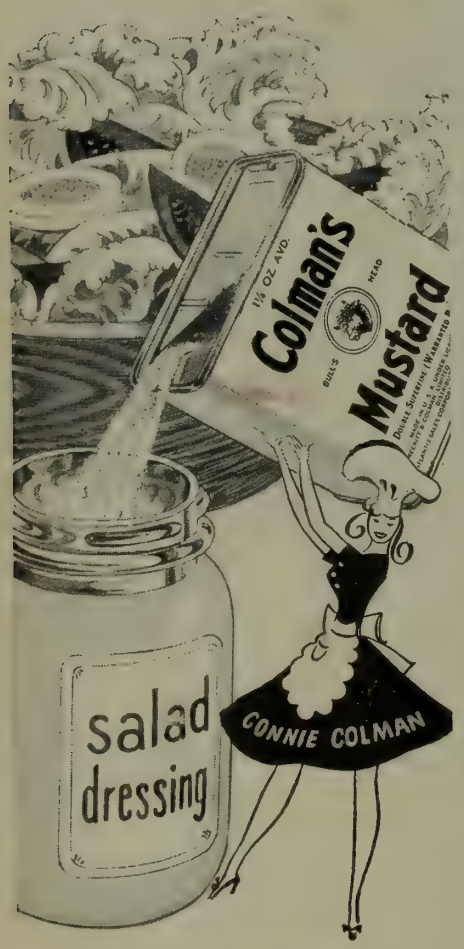
BRIGGS
Beautyware
PLUMBING FIXTURES



COPYRIGHT 1949, BRIGGS MANUFACTURING CO.

Your husband will love it!

...ADD COLMAN'S

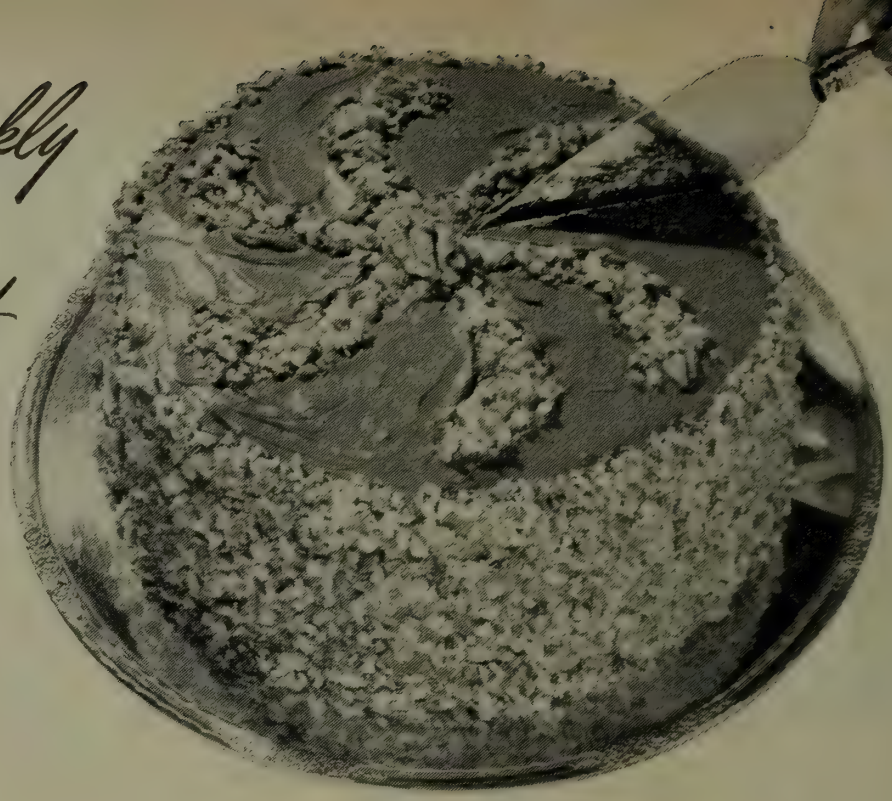


Give Zip to his favorite salad dressing

Here's a quick easy way to give your favorite prepared salad dressing that extra tang and zip that men prefer. Blend 2 teaspoonfuls of Colman's (dry) Mustard with a little water. Then add it to an 8-ounce jar of dressing. Equally good with mayonnaise or French dressing.

THE FAMOUS DRY MUSTARD USED BY FINE COOKS EVERYWHERE

frankly fancy



Chocolate Nut Torte

THIS is a *glamour* dessert. You slice down through *four* layers of tender sponge cake and *four* layers of the same creamy chocolate frosting you see on the top and sides of the torte. Sides are crusty with nuts. Serve a cup of steaming coffee with each big wedge of Chocolate Nut Torte.

Cake:

5 eggs
2½ cups sugar
1 tablespoon butter or fortified margarine
1¼ cups milk, scalded
2½ cups cake flour
⅛ teaspoon salt
2½ teaspoons baking powder
1 teaspoon vanilla

Beat eggs until light. Gradually add 1 cup sugar, and continue beating; add remaining sugar and beat until light-colored and fluffy. Combine butter and hot milk; gradually add to egg mixture. Add sifted dry ingredients and vanilla. Mix well. Bake in two waxed-paper-lined 9-inch layer pans in moderate oven (350°) 30 minutes. Cool. Cut layers in half.

Frosting:

2 cups milk
½ cup granulated sugar
½ cup enriched flour
¼ cup cocoa
⅓ cup cold milk
1 cup butter or fortified margarine
1 cup confectioners' sugar
2 teaspoons vanilla
1½ cups chopped California walnuts

Heat milk in double boiler. Combine granulated sugar, flour, cocoa, and ⅓ cup cold milk. Add to hot milk and cook over hot water until thickened, about 20 minutes, stirring constantly. Remove from heat; cover and *cool* to room temperature. Thoroughly cream butter and confectioners' sugar. Add to cooked, *cooled* mixture. Beat smooth. Spread between layers and on top and sides of torte. Decorate with chopped California walnuts.

More on page 114



1 Bake cake (recipe left) in two 9-inch layers. Split each layer in half with sharp or serrated-edge knife. Brush off any loose crumbs—the cake is all ready to be frosted



2 Spread frosting (recipe left) between layers. Be generous. It's the cool, creamy chocolate frosting that gives the cake its good flavor. Step 3 shows how to decorate it



M-m-m-mm COMPANY HAM

WITH THAT FRENCH'S FLAVOR!

EASY! Wrap a tender smoked ham loosely in wrapping paper, place fat side up on rack in uncovered roaster. Add no water. Bake ham in moderate oven (325° F.), allowing 3½ to 4 hours for 10 to 12 lb. ham.

After baking ham, remove paper and skin. Score fat surface in squares. Spread with 4 tablespoons French's Mustard. Cover surface with 1 cup brown sugar mixed with 2 tablespoons flour. Stud squares with whole cloves. Bake in moderately hot oven of 400° F. 15 minutes or until golden brown. Serve with pineapple slices browned in ham liquor.



SMOOTHER CREAMIER

A blend of the finest spices and mustard seed money can buy

wonder French's is the nation's favorite pared mustard—it has just the right bination of zesty flavor and smooth-s. It brings out *all* the good meat flavor oesn't cover it up as cheap harsh stards do. Serve French's Mustard with l meats, too—use it in salad dressings sandwich fillings. French's is so creamy lends perfectly.

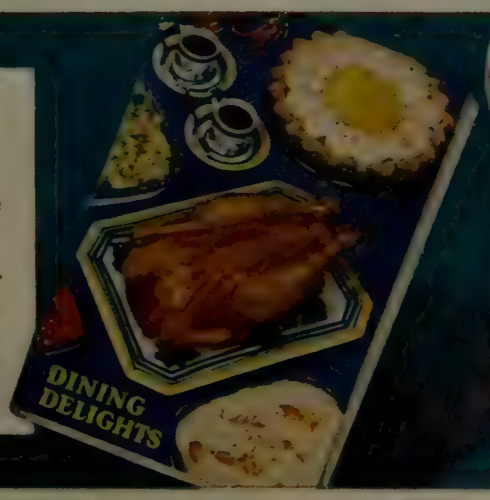
rgest selling prepared mustard in U. S. A. today
Also made in Canada



Ham Patties . . .
Chop leftover ham, combine with equal amount cold chopped boiled potatoes and shape into patties. Brown over low flame in 2 tablespoons of melted fat mixed with 1½ teaspoons of French's Mustard.

FREE!
NEW RECIPE BOOK

Send for new recipe booklet in full color, "Dining Delights". . . Thirty-two pages of practical suggestions to make food go further, meals taste more delicious!





Write to The R. T. French Company, 1503 Mustard St., Rochester 9, N. Y., and booklet will be sent you FREE.

*Name*_____
(Please print)

*Address*_____



Daddy is a weatherman,
He said it would be bright.



Some speedy Windex on the glass
Proved his prediction right!



Mom loves Windex too! She says
There is no better buy.



It's faster 'cause it sprays right on
and never has to dry.



Little Sis (a pretty miss)
Likes Windex 'cause it's *clean*.



There're never streaks or after-dust
Remaining on the scene!



Everything that's made of glass
Will gleam the Windex way.



That's why they always ask the man
For handy Windex Spray!

Copr. 1949, by The Drackett Co.

Why pay high prices for window cleaners? Windex is only 15¢! And nothing beats it for cleaning glass because it's made *especially* for glass. Windex leaves no oily, waxy film, no streaks, no dust. Insist on Windex every time!

Get Brighter Windows Quicker With—

WINDEX®
Spray

Costs only 15¢—even thriftier in the big 20-ounce size.

TUNE IN: DOROTHY KILGALLEN, Thursdays. See local paper for time and station.

Chocolate Nut Torte

Begins on page 11



3 Spread the rest of the frosting on the top and sides of the torte. Make swirl design with chopped nut meats. Put a big walnut half in the center. Press finely chopped nut meats against side of torte with palm of hand. See "Smart Cook!" (below) for neat way to arrange on plate

SMART COOK!

Neat way to frost a cake

Place four strips of waxed paper over edge of cake plate as shown in this picture. Place cake on strips. Paper will catch surplus frosting as you work





When you're through frosting and decorating the cake, carefully remove four waxed-paper strips. You have a spotless plate. See also page 112



Look! "Pushbutton-Cooking" With The New HOTPOINT



Choose your cooking speed—then push the button. It's as simple as snapping on an electric light. Each cooking unit has its own set of pushbuttons—and a distinctive colored light shows you exactly what speed is on.

America's Leader Brings You a New Kind of Electric Range—and Far Easier, More Accurate Cooking!

ALL YOU DO IS PUSH A BUTTON! You'll be thrilled by the simplicity, the speed, the convenience, and above all the *accuracy* of "Pushbutton-Cooking" with the beautiful new Hotpoint Range.

● ● Hotpoint's new Pushbutton Panel gives you instant fingertip control for all kinds of cooking. Hotpoint's "Talking Color" Lights show you exactly what unit is on and at what speed. There's no groping, no guesswork—you're sure of the proper cooking temperature every time.

● ● And Hotpoint has packed 37 other wonderful features into this sensational new kind of range. Hotpoint's Hi-Speed Broiler cooks steaks for 12 in 10 minutes. Hotpoint's big Sealed-Heat Oven bakes more evenly, cleans more easily, holds more food. And Hotpoint's famous Calrod® Units give you instant, accurate, measured heat. Ask your Hotpoint dealer for a demonstration of this great new range.

HOTPOINT INC. (*A General Electric Affiliate*), CHICAGO 44, ILL.



Everybody's Pointing To Hotpoint Automatic Electric Ranges

It's easy to grow African-violets

Photographs: Stan



The African-violet's simple, unobtrusive beauty fits perfectly into any type of surrounding

Your African-violet has simple likes and dislikes. Follow these rules for certain success

By Ferne Kellar
President, African-Violet Society of America, Inc.

THERE'S a good reason for the amazing popularity of the African-violet or saintpaulia. It gives you a wealth of delicate bloom over a long period, it doesn't need a sunny window, and it gives you a wide choice of varieties whose colors range from plum red through purple to blue, pink, and white.

Best of all, it's easy to grow. Follow these simple rules and you'll be assured of beautiful bloom.

Watering. Contrary to what you might have heard, water doesn't hurt an African-violet, although *cold* water or anything else cold can cause brown leaf spots. Use water at room temperature and you'll have no trouble even if you water from the top. Another good method is to set the entire pot into a pan containing an inch or two of water until moisture has seeped up to the surface. Water when the soil surface feels dry, but don't keep it soggy.

Feeding. Your violet won't need much feeding if it is potted in good soil. But during and after a period of heavy blooming it will appreciate about a level teaspoonful of complete plant food dissolved in a quart of water every two weeks or so. If you add soil or repot, use a soil rich in humus such as the kind you find in an undisturbed spot under a hedge. Or mix equal parts of sand, compost, and heavy, rich black soil —or buy potting mixture from your nurseryman.

Light. Your plant needs good light but doesn't like direct sunlight. A north or east window is best; in a south window shade from strong sun rays.

Temperature. Room temperature, about 72 degrees, is just right. Below 60 degrees may harm plant. Avoid chilly drafts.

Handling. The leaves are brittle, so treat them gently. Don't let leaves touch cold glass because cold causes brown spots. Pick off faded flowers and seed pods.

Cleaning. The fuzzy leaves catch dust, but you can remove it by brushing gently with a soft pastry brush or a baby's hairbrush as you support the leaf underneath with your finger tips. A careful syringing in your kitchen sink with water at room temperature every two weeks or so will also keep leaves clean.

How to increase your African-violet plants, on page 118



Your home deserves beautiful Crane fixtures like this Drexel *Group—with* Dial-ese *controls that operate at a finger's touch. The vitreous china shelf-back lavatory has a large semi-oval basin, built-in soap dish and a quick draining Crane* Securo *waste. The modern bathtub with the flat safety bottom—only 16 inches high—is easy to step in and out. The toilet is the last word in quiet efficiency.*

Why not do something about modernizing now?

Tired of your old bathroom—your old kitchen—your old heating system? Tired of faucets that are hard to turn—of sinks that won't drain properly—of broken-down boilers that won't heat?

It's time you did something about it.

Now is the time to install beautiful Crane fixtures in your bathroom—a modern Crane sink in your kitchen—a Crane boiler, Crane radiators or new Crane Baseboard Radiation in your heating system.

Crane equipment has new features that provide greater convenience—greater comfort than ever before. There is a Crane Dealer in your community who will gladly discuss the equipment necessary for your modernizing plans or for the new home you are planning. See him today.



The Crane line includes boilers and furnaces for any type system—to burn any fuel. Also included in the Crane line are radiators, controls, water specialties, pipe, valves and fittings—everything for any home heating system.



The handsome Sunnyday Sink—a full 60 inches wide—has a large 8-inch deep basin, two depressed drainboards, swinging mixing spout, retractable hose spray. The Crane line includes other sinks to suit every taste and budget.

CRANE

CRANE CO., 836 S. MICHIGAN AVENUE, CHICAGO 5, ILL.

Plumbing and Heating • Valves • Fittings • Pipe

NATION-WIDE DISTRIBUTION THROUGH BRANCHES, WHOLESALERS, PLUMBING AND HEATING DEALERS

How to increase your African-violets *Begins on page 116*



You can grow new African-violets by plant division. Here's a plant which has spread out into several crowns and is ripe for division. Work a knife down carefully between main plant and side crown; dig out the extra crowns. If roots are too tangled, you may have to remove plant from pot and carefully work the crowns apart with your fingers. Then repot in good soil



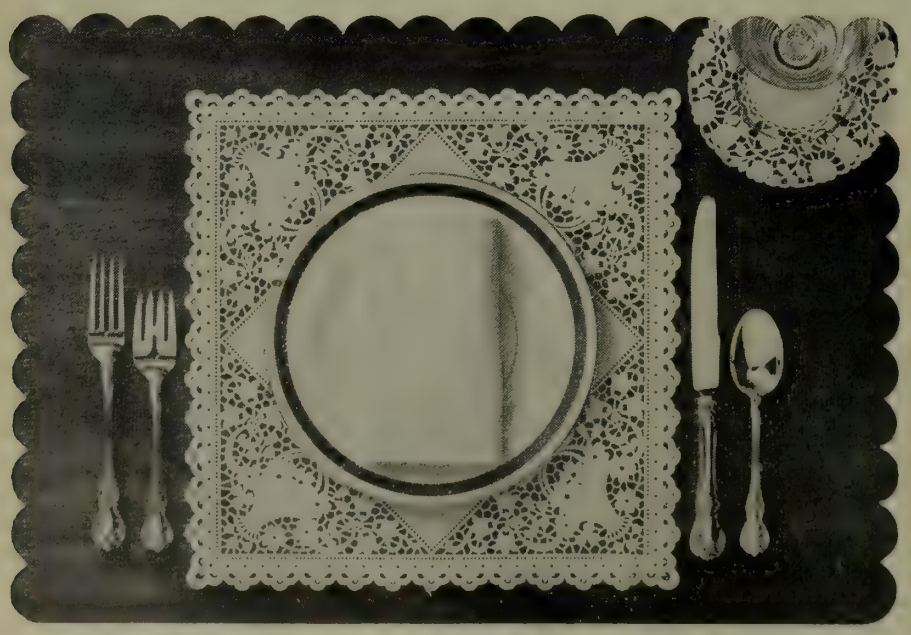
Or you can start African-violet leaves in sand, vermiculite, or soil. Poke a hole in the soil with a pencil, set the leaf stem about 1 inch deep. Put a leaf into an individual pot or put several leaves into a big pot. The important thing is to keep the soil moist but not soggy



There's no trick to getting a new violet from a leaf. One method is to put the stem in water. A good idea for supporting the leaf is to stick it through a hole punched in waxed paper stretched over a glass of water as shown. Roots will appear in 2 to 4 weeks. Then transplant into sandy soil until leaves appear; transplant a final time to potting soil

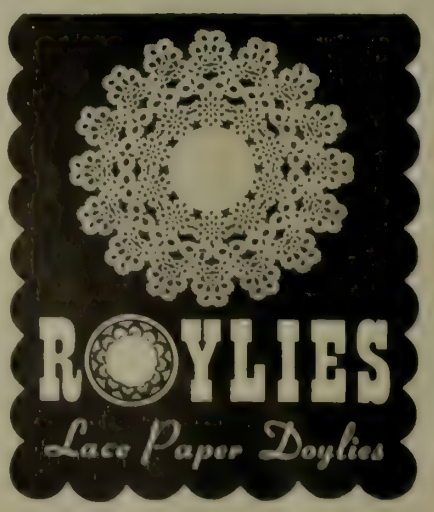


There'll come a day when a leaf cutting will look like this. The parent leaf can be cut off near the soil surface, while the baby plant should be repotted into proper soil. If the parent leaf is of a choice variety, and if some stem remains, you can root the leaf all over again



How to give every meal . . . more appeal!

Give every meal an inviting look with crisp, white, lace paper Roylie place mats. Use matching Roylies under glasses, under salads, on dessert plates, etc. Beautiful as real linen—seeing is believing. They cost less than the mere laundering of linens. Handsomer than plastics. More convenient and economical too! Use Roylies for every meal. *Rounds, squares, oblongs—many sizes and patterns, from 5" round to 10" x 15". At 5-and-10's, naborhood, dept. stores.*



Trade Mark "Roylies" Reg. U. S. Pat. Off.
Royal Lace Paper Works, (Inc.), Brooklyn 1, N. Y.



WIDE OPEN SPACES . . . In the day of McKinley and Bryan, rear platforms were more than rostrums for presidential candidates. From here we "saw America first". Father moored his straw hat to his coat lapel. Mother thrust her murderous looking butterfly hatpin through her bonnet into her upswept hair. And Buster had the elastic of his sailor firmly under his chin. The family had tired of seeing distorted scenery through small windows of wavy glass and decided to brave the rigors of the observation platform.

It was a thrill . . . frightened longhorns running awkwardly from the tracks, the race with a buckboard. It was an ordeal, too. Wind tore at clothing. Soot covered the gay awning, the carpeted flooring, the clothes of the hardy travelers. They would taste coal smoke long after they retreated inside. The inevitable cinder lodged in Buster's eye because in the excitement he forgot to squint.

All this to get a view! But that was before trains had large, clear windows of plate glass . . . *laminated* plate glass for safety, and before the genius of American production had brought the luxury of polished plate glass within reach of us all.

NO FINER GLASS THAN LIBBEY · OWENS · FORD PLATE GLASS





Chair courtesy Brandt Furniture Co.

IN A CHAIR CUSHIONED WITH

Firestone FOAMEX*

HERE's a warm welcome... an invitation to take it easy—in your *Foamex*-cushioned chair. Deeper and deeper you rest, yielding to blissful *Foamex* comfort. You're firmly supported—cradled in baby-skin softness—at peace with the world.

Yet there's not an ounce of "over-stuffiness" in your air-cooled, air-cleaned *Foamex* easy chair. *Foamex* trims furniture down to a new loveliness of line, shape and form.

Foamex keeps the shape of your upholstered furniture, despite years of punishing wear. It can never sag, lump or pack down. That's why the best furniture in your favorite department or furniture store proudly features *Foamex*. In mattresses, too, at these same fine furniture departments, *Foamex* is another word for sleep.



See what we mean!

FREE A sample of Foamex. Use it for a complexion or make-up sponge. Caress your cheek with it—softness and imagine what it's like to relax in a whole chair cushioned with Foamex. Go to the furniture department of your favorite store or write Firestone, Akron for your free complexion sponge, now.

*TRADE MARK
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LISTEN TO THE VOICE OF FIRESTONE MONDAY EVENINGS OVER NBC

Better Homes & Gardens

1949 national parks

Story begins on page 56

Park	Where it is	When to go	How to get there	What you see
ACADIA	Maine Coast (Mount Desert Island)	All year	[Railroads listed are those directly serving national parks or taking you on their own tracks to nearby points from which transportation is available to park. Most national parks can also be reached by bus or plane. Ask your local bus or airline office.] *Train:* Maine Central. *Auto*	Forest, seacoast
BIG BEND	Southern Texas at Mexican border	All year	*Train*: Southern Pacific. *Auto*	Mountains, deser
BRYCE CANYON	Southern Utah	Usually early June to mid-October, depending on snow	*Train:* Union Pacific. *Auto*	Eroded canyons, brilliantly colore formations
CARLSBAD CAVERNS	Southeastern New Mexico	All year	*Train:* Santa Fe, Southern Pacific, Texas and Pacific. *Auto*	World's largest cave
CRATER LAKE	Southern Oregon	All year; hotel and cabins June 15 to September 19	*Train:* Southern Pacific. *Auto*	Blue lake in extinct volcano, forests
EVER-GLADES	Southern Florida	All year	*Train:* Florida East Coast, Seaboard. *Auto*	Subtropical forest and water courses birds and other wildlife
GLACIER	Northwestern Montana	June 15 to September 15	*Train:* Great Northern. *Auto*	Glaciers, lakes, mountains
GRAND CANYON	Northwestern Arizona	South Rim: all year; North Rim: May 15 to October 15	*Train:* Santa Fe to South Rim, Union Pacific to Cedar City, Utah (for North Rim). *Auto*	World's greatest canyon, mile deep brilliant rock colors and immen formations. Indian dances
GRAND TETON	Northwestern Wyoming	May 15 to October 15	*Train:* Union Pacific. *Auto*	Alpine meadows, lakes, high mountains

low-cost vacation check list

hat 'll do	Where to stay	What it'll cost you	How long to stay	More information? Write
ing, riding, driving, king	Two free campgrounds in park; hotels and rooming houses in villages outside park	[Approximate cost per day, lodging and 3 meals for 2 persons. Where accommodations are in the park, children under 8 get half rate. Symbol "O" indicates accommodations outside park.]	[Minimum time required to see outstanding points of interest. Longer stays recommended if time permits.]	Supt., Acadia Natl. Pk., Bar Harbor, Maine. *For accommodations:* Publicity Offices at Bar Harbor, Northeast Harbor, or Southwest Harbor, Maine
		(O) $9 to $17	3 days	
ht-seeing	Free campgrounds; limited cabin facilities	$9.40 to $11.90; cabins for 2 (do your own cooking) $1.25	2 days	Supt., Big Bend Natl. Pk., Marathon, Texas. *For accommodations:* Natl. Pk. Concessions, Inc., Marathon, Texas
king, riding	Free campgrounds; lodge, cabins	$13 to $17.50	3 days (7 with Zion, 12 with Grand Canyon)	Supt., Zion Natl. Pk., Springdale, Utah. *For accommodations:* Utah Pks. Co., Cedar City, Utah
ided tour ough cave	Accommodations in nearby towns; none for overnight in park	(O) $10 to $17	1 day	Supt., Carlsbad Caverns Natl. Pk., Carlsbad, N. M.
iking, hing (no ense), ating, inter sports	Public campground; hotel and cabins June 15 to September 19	$13 to $15. Cabins, $3 for 2, plus cafeteria meals	4 days	Supt., Crater Lake Natl. Pk. (Winter) Box 672, Medford, Oregon; (Summer) Crater Lake, Oregon. *For accommodations:* Crater Lake Natl. Pk. Co., (Winter): 603 Wilcox Bldg., Portland, Ore.; (Summer): Crater Lake, Ore.
oating, udubon ociety 2-day otor and ater tours, shing	Limited in park to Flamingo and Coot Bay; others outside and near park; few campgrounds	$11 to $15	5 days	Supt., Everglades Natl. Pk., Box 275, Homestead, Fla. Audubon tours: Audubon Society, 13 McAllister Arcade, 311 E. Flagler St., Miami, Fla.
Tours, boating, fishing (no license), hiking, riding	Free campgrounds; hotels, chalets, and cabins	$15 to $20; cabins, $2.50 (plus meals)	10 days	Supt., Glacier Natl. Pk., Belton, Montana. *For accommodations:* Glacier Park Hotel Co., (Summer) Glacier Park Station, Mont.; (Winter) 130 Great Northern Bldg., St. Paul, Minnesota
Trail trips, hiking, motor tours	Free campgrounds; hotels and cabins	$8.60 to $30; housekeeping cabins, $7.35	5 days (9 with Zion, 12 with Bryce)	Supt., Grand Canyon Natl. Pk., Grand Canyon, Ariz. *For accommodations:* (South Rim): Fred Harvey, Grand Canyon, Ariz.; (North Rim): Utah Parks Co. (Winter) Cedar City, Utah; (Summer) Grand Canyon, Ariz.
Climbing, fishing (Wyo. license), boating, riding, winter sports	Campgrounds, lodging and meals outside park	(O) $12 to $20	3 days (10 with Yellowstone)	Supt., Grand Teton Natl. Pk., Moose, Wyo. Will furnish list of nearby dude ranches and lodges

Turn to next page



I use the cleanser that's
FAST! EASY! SAFE!



Why dull bathtub shine with dirt-catching scratches — when Bon Ami cleans so fast without scratchy grit? This fine, white cleanser lifts dirt off so quickly and with so little work. No hard rubbing and scrubbing. No harsh caustics to redden and roughen your pretty hands.

And Bon Ami polishes as it cleans. Sinks, bathtubs, basins, tiling are left with a brilliant luster. Try Bon Ami today. Give your bathtub and kitchen sink a real sparkle with the cleanser that's fast, easy, *safe.*

Bon Ami Cake cleans windows *cleaner.* No streaks. No oily film. Polishes as it cleans—and costs so little.

BON AMI
"hasn't scratched yet!"

POWDER AND CAKE





Chair courtesy Brandt Furniture Co.

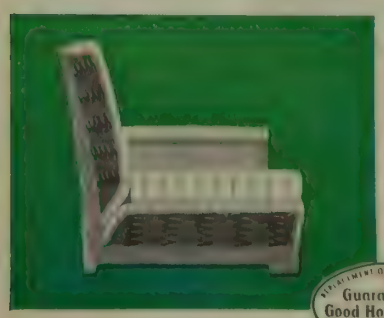
IN A CHAIR CUSHIONED WITH

Firestone FOAMEX*

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See what we mean!

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...uided tour ...rough cave	Accommodations in nearby towns; none for overnight in park	(O) $10 to $17	1 day	Supt., Carlsbad Caverns Natl. Pk., Carlsbad, N. M.
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Boating, Audubon Society 2-day motor and water tours, fishing	Limited in park to Flamingo and Coot Bay; others outside and near park; few campgrounds	$11 to $15	5 days	Supt., Everglades Natl. Pk., Box 275, Homestead, Fla. Audubon tours: Audubon Society, 13 McAllister Arcade, 311 E. Flagler St., Miami, Fla.
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You bet MY TUB SPARKLES!



I use the cleanser that's FAST! EASY! SAFE!

Why dull bathtub shine with dirt-catching scratches — when Bon Ami cleans so fast without scratchy grit? This fine, white cleanser lifts dirt off so quickly and with so little work. No hard rubbing and scrubbing. No harsh caustics to redden and roughen your pretty hands.



And Bon Ami polishes as it cleans. Sinks, bathtubs, basins, tiling are left with a brilliant luster. Try Bon Ami today. Give your bathtub and kitchen sink a real sparkle with the cleanser that's fast, easy, *safe*.

Bon Ami Cake cleans windows *cleaner*. No streaks. No oily film. Polishes as it cleans—and costs so little.

BON AMI "hasn't scratched yet!"

POWDER AND CAKE



WHAT! YOU CAN SAVE ME 40% ON FUEL?

SURE!

JUST INSULATE WITH FIRE-PROOF Gold Bond ROCK WOOL!

● Last year over 100,000 thrifty homeowners insulated with Fireproof Gold Bond Rock Wool. Fuel savings up to 40% soon pay the cost and these savings *continue* for the life of the house.

Besides lower heating costs and complete winter comfort, homes insulated the Gold Bond way have three more big advantages:

- They are as much as 15° cooler in summer.
- They are more firesafe. Fireproof Gold Bond Rock Wool in the walls and roof provides a permanent fire barrier.
- They have a higher resale value.

Does this sound good to you? Then call in your Gold Bond Rock Wool Applicator. He's an insulation specialist, factory-trained in Gold Bond's tested methods of application, to give you the very best insulation job, without muss or fuss. He uses only Fireproof Gold Bond Rock Wool. Made by National Gypsum Company, it is the finest insulation money can buy.

Get the full facts now about insulation . . . the one home improvement that actually pays for itself. Your Gold Bond Applicator's name is listed in the classified section of your phone book under "Insulation". Phone him today for an estimate for your home without charge or obligation.



MAIL COUPON FOR FREE BOOKLET

National Gypsum Company, B-2-9
Buffalo 2, New York

Please send me a copy of your "Better Living" booklet at no obligation to me. ☐ My home is already built. ☐ I am building in the future. ☐ I am a student desiring special information.

NAME.....

ADDRESS.....

CITY.....

Better Homes & Gardens 1949 nationa

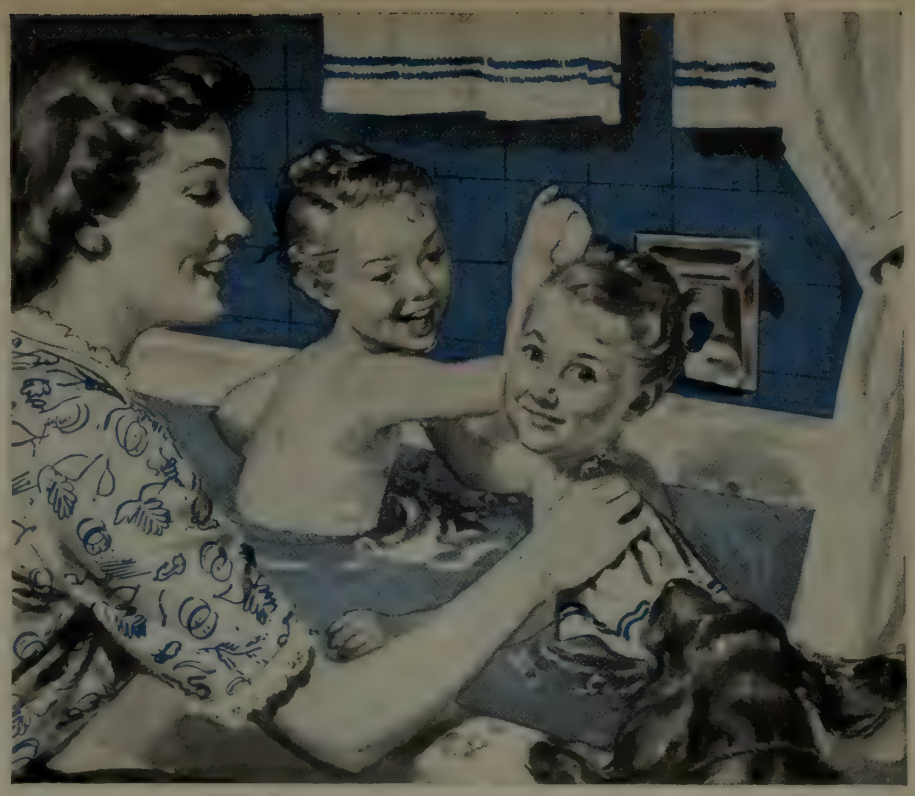
Park	Where it is	When to go	How to get there	What you'l see
GREAT SMOKY MOUN-TAINS	North Carolina and Tennessee	All year. (Wonderland Club Hotel, Mt. Le Conte Lodge, in park, summer only. Former June 15 to Sept. 15, latter June 15 to Oct. 30. All-year accommodation outside.)	*Train:* Southern, Louisville & Nashville, *Auto*	Highest mountain range east of Black Hills; mountain flora, forests. Cherokee Indian Reservation
HAWAII	Islands of Hawaii and Maui	All year	*Steamer* (Twice a week to Maui and Hawaii from Honolulu. (Matson, American President Lines and airlines to Honolulu.) *Air:* daily service from Honolulu	Volcanoes, tropica flora
HOT SPRINGS	Central Arkansas	All year	*Train:* Missouri Pacific, Rock Island. *Auto*	47 medicinal springs
ISLE ROYALE	Lake Superior	June 15 to September 15	*Boat:* From Grand Marais, Minn., Grand Portage, Minn., and Fort William and Port Arthur, Ont. Before trip, inquire Supt., I. R. Natl. Pk., Houghton, Mich.	Island wilderness preserve (no roads)
KINGS CANYON	Central California	All year (Accommodations May 22 to September 13)	*Train:* Southern Pacific, Santa Fe. *Auto*	Mt. wilderness; giant Sequoia trees in Grant Grove area. Sequoia Natl. Pk. and Grant Grove area of Kings Canyon Natl. Pk. linked by 30-mi. General's Highway through "big trees"
LASSEN VOLCANIC	Northern California	All year; accommodations May 16 to September 30	*Train:* Southern Pacific, Western Pacific. *Auto*	Only recently active volcano in United States; forests, lakes
MAMMOTH CAVE	Southwestern Kentucky	All year	*Train:* Louisville & Nashville. *Auto*	Limestone cave and underground river
MESA VERDE	Southwestern Colorado	May 15 to October 15 (Camping to November 1)	*Train:* Rio Grande, Santa Fe. *Auto*	Cliff-dwellings of early Southwest Indians; museums with educational exhibits of Indian history
MT. McKINLEY	Interior Alaska	June 10 to September 10	*Train:* Alaska R.R. from Seward, Anchorage, or Fairbanks (Alaska Steamship to Seward. Airlines to Seward, Anchorage, and Fairbanks. Alaska Highway to Fairbanks). *Auto:* No roads to park. Alaska R.R. will transport private automobiles to park for use on arrival	Highest peak in North America, glaciers

arks vacation check list

Continued from page 121

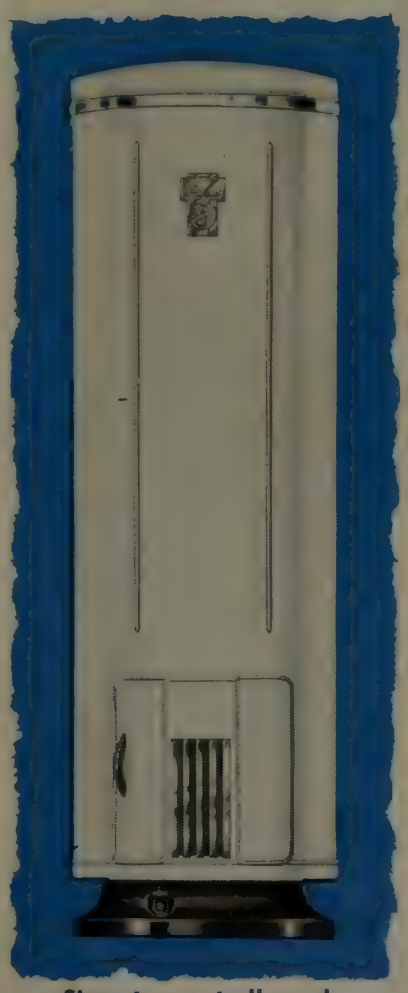
hat 'll do	Where to stay	What it'll cost you	How long to stay	More information? Write
s pack riding, r tours	Free campgrounds. Some accommodations in lodge and hotels, more in nearby towns. Overnight shelters on Appalachian Trail. (Camping permit required)	$9 to $12 (Mainly outside park)	3 days	Supt., Great Smoky Mts. Natl. Pk., Gatlinburg, Tenn. *For accommodations:* Jack Huff, Gatlinburg, Tenn., Wonderland Club Hotel, Elkmont, Tenn.
ng, g. oing	Free campground; Volcano House (Hawaii), Haleakala Mt. Lodge (Maui); limited number overnight cabins	$16 to $21	3 days	Supt., Hawaii Natl. Pk., T.H. *For accommodations:* Volcano House, Hawaii Natl. Pk., T.H.; Haleakala Mt. Lodge, Hawaii Natl. Pk., Maui, T.H.
hs and apy (rates by governt)	Public camp; boarding houses, hotels, in city of Hot Springs	(0) $12 to $40	2 days	Supt., Hot Springs Natl. Pk., Hot Springs, Ark. *For accommodations:* Chamber of Commerce, Hot Springs, Ark.
hing, ting, ping, ing g	Lodges	$14.40 to $16.40	4 days	Supt., Isle Royale Natl. Pk., Houghton, Mich. *For accommodations:* Natl. Pk. Concessions, Inc., Rock Harbor Lodge, Rock Harbor, Michigan
ck trips, king, camp- g, fishing Calif. ense), inter sports	Free campgrounds; Grant Grove area: cabins, lodge; Cedar Grove in Kings Canyon: cabins	$4.50 to $9 (plus meals at coffee shop)	10 days (with Sequoia)	Supt., Sequoia-Kings Canyon Natl. Pk., Three Rivers, Calif. *For accommodations:* Sequoia and Kings Canyon Natl. Pk. Co., (Summer) Sequoia Natl. Pk., Calif. (Winter) 129 E. Center St., Visalia, Calif.
ishing Calif. ense), iking, riding, ack trips, amping, oating, inter sports	Campgrounds, lodges, tents, cabins, bungalows	$13.50 to $22.50	3 days	Supt., Lassen Volcanic Natl. Pk., Mineral, Calif. *For accommodations:* Lassen Natl. Pk. Co., (Summer) Manzanita Lake, Calif., (Winter) P.O. Box 188, Mineral, Calif.
Conducted trips through cave, fishing, except May (no license)	Free campgrounds; hotel, cottages, cabins	$7.30 to $10.30. In prefabricated huts, $6.30	1 day	Supt., Mammoth Cave Natl. Pk., Mammoth Cave, Ky. *For accommodations:* Natl. Park Concessions, Inc., Mammoth Cave, Ky.
Auto caravans and conducted tours of ruins; hiking, pack trips	Free campgrounds; lodge	$13 to $15.40 in cabins or lodge; $11.50 for 2 in tents	2 days	Supt., Mesa Verde Natl. Pk., Colo. *For accommodations:* Mesa Verde Natl. Pk., Colo.
Fishing, hiking, mountain climbing	Hotel	$10 to $16	5 days	Supt., Mt. McKinley Natl. Pk., McKinley Pk., Alaska. *For accommodations:* The Alaska R.R., (Summer) McKinley Pk., Alaska, (Winter) Anchorage, Alaska

More on next page



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Sizes to meet all needs
Fully automatic, gas or electric

IT MEANS cleaner, purer hot water *all the time* and always *all you want* . . . because it's Hot Water "Packaged-in-Glass"!

NO RUSTING • NO CORRODING

Remember this one thing about a *Permaglas* Water Heater: it CANNOT *rust or corrode . . . under any water condition.*

The reason, a remarkable development by A. O. Smith scientists, is the glass-lined tank—sanitary as a clean drinking glass! Banished is tank rust that ruins laundry, corrosion dirt that discolors water and fixtures.

Proved in hundreds of thousands of homes all over America, *Permaglas* Water Heaters assure you a new, economical kind of hot-water convenience. All the hot water you want for every home use, all you need for the newest automatic washers and dishwashers . . . and always *clean.*

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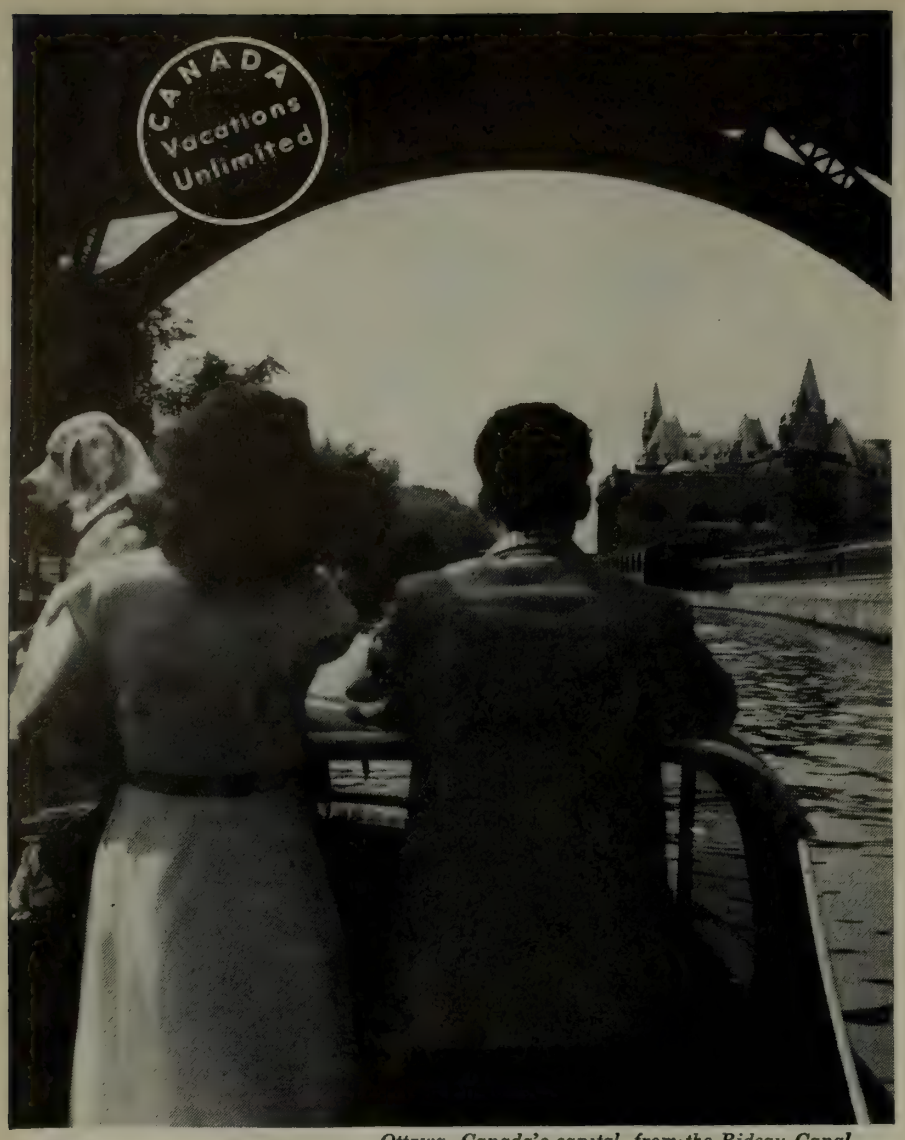
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International Division: Milwaukee 1, Wisconsin • *Licensee in Canada: John Inglis Co., Ltd.*

*Also quality zinc-lined *Duraclad* and *Milwaukee* Water Heaters



Ottawa, Canada's capital, from the Rideau Canal

Discover the romance of new places...

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Vacations Unlimited



Canada's coasts and inland lakes provide safe, clean beaches for the young 'uns



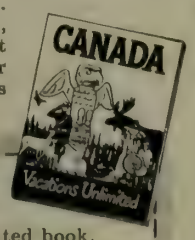
You get close-ups on Nature riding mountain trails, woodland bridle paths

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1. New, interesting — "foreign" atmosphere. **2.** A million square miles of scenic playground. **3.** Friendly cities, hospitable people. **4.** Friends and relatives waiting to welcome you. **5.** Lots to do — sports, recreation, sightseeing. **6.** Near — easy to get to — no border "red tape". **7.** Your vacation dollar buys more, goes further. NO PASSPORT NEEDED.



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Ottawa, Canada D. Leo Dolan, Director

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Park	Where it is	When to go	How to get there	What you see
MT. RAINIER	Northwestern Washington	All year	*Train:* Milwaukee, Great Northern, Northern Pacific. *Auto*	Snow-clad Mt, Rainier, glaciers forests, Alpine meadows
OLYMPIC	Olympic Peninsula of Washington	All year	*Boat:* Ferry from Seattle and Victoria. *Auto*	Heavy virgin forests, mountai Alpine meadows views of Puget Sound
PLATT	South Central Oklahoma	All year	*Train:* Santa Fe, Frisco. *Auto*	Cold mineral springs, wooded hills, streams
ROCKY MOUNTAIN	North Central Colorado	All year (Trail Ridge road open approx. May 30 to Oct. 25)	*Train:* Union Pacific, Burlington, Rock Island, Colorado & Southern, Missouri Pacific, Rio Grande. *Auto*	65 peaks over 10,000 ft., mountain lakes, and meadows
SEQUOIA	Central California	All year (Accommodations vary)	See Kings Canyon Natl. Pk.	"Big Trees," Mt. Whitney, highest in United States
SHENANDOAH	In Blue Ridge Mountains of Virginia	All year (Accommodations closed winter and spring)	*Train:* Norfolk and Western. *Auto*	Panoramic views of wooded mountains
WIND CAVE	Black Hills, South Dakota	All year	*Train:* Burlington, Northwestern. *Auto*	Limestone cavern with unique "boxwork" formations; buffalo herd
YELLOWSTONE	Northwestern Wyoming; small areas in Montana and Idaho	For motorists approx.: May 1 to October 15; hotels and busses: June 20 to September 10	*Train:* Northern Pacific, Milwaukee, Union Pacific, Burlington. *Auto*	Geysers, waterfalls, lakes, forests, canyons, hot mineral springs, bears and other wildlife
YOSEMITE	Central California	All year	*Train:* Santa Fe, Southern Pacific. *Auto*	Granite Gorge of unusual beauty, waterfalls, big trees, Alpine forests, meadows, and lakes
ZION	Southern Utah	All year (including cabins). Lodge: approximately May 30 to September 25	*Train:* Union Pacific. *Auto*	Spectacular multicolored gorge, desert, and canyon country

rks vacation check list

Continued from preceding page

at ll do	Where to stay	What it'll cost you	How long to stay	More information? Write
tain ing, g, , winter , fishing ense), ineral at apecosh	Free campgrounds; inns, lodges (Longmire open all year, others June to September or October), cottages	$10.50 to $16. Housekeeping cabins, $8.25	7 days	Supt., Mt. Rainier Natl. Pk., Longmire, Wash. *For accommodations:* Rainier Natl. Pk. Co., Box 1136, Tacoma 1, Wash.
trips, g. hiking, spring ing, er sports, ing, swimg, fishing or ty license)	Free campgrounds; lodges, cabins, chalets, and hotels in and out of park	$3 to $10 in housekeeping cabins, (plus meals for 2, $8. at Rosemary Inn only)	5 days	Supt., Olympic Natl. Pk., Port Angeles, Wash. *For accommodations*(Olympic Pen. Hotel and Resort Assn., Coleman Ferry Terminal, Seattle, Wash., and Natl. Pk. Concessions Inc., Star Route, Port Angeles, Wash.
mming, ng, riding, ing the ers	Free campgrounds; other accommodations in city of Sulphur	(O) $9 to $16	1 day	Supt., Platt Natl. Pk., Sulphur, Okla.
k trips, ing, fishing lo. license), ping, untain ubing	Free campgrounds; hotel, lodges, cabins. Other accommodations at nearby Grand Lake and Estes Park	$10.50 to $16; housekeeping cabins, $5.15	7 days	Supt., Rocky Mt. Natl. Pk., Estes Park, Colo. *For accommodations:* Chambers of Commerce, Grand Lake or Estes Park, Colo.
k trips, ing, fishing alif. ense), hikg, camping, nter sports	Free campgrounds; lodges, cabins	$12 to $18; housekeeping cabins $4 daily (do your own cooking)	10 days (with Kings Canyon)	See Kings Canyon Natl. Pk.
otoring on kyline Dr., king, campg, riding, shing (Va. ense), swimming, winter ports	Free campgrounds; lodges and cabins (no housekeeping)	$6.20 to $12	3 days (as motor tour)	Supt., Shenandoah Natl. Pk., Luray, Va. *For accommodations:* Va. Skyline Co., Luray, Virginia
Conducted ours of cave	Free campground; no hotels or other accommodations in park. Hot Springs hotels 10 miles away	(O) $11 to $15	1 day	Supt., Wind Cave Natl. Pk., Hot Springs, S. D. *For accommodations:* Hot Springs Chamber of Commerce, Hot Springs, S. D.
Sight-seeing, riding, pack trips, hiking, amping, shing, boating	Free campgrounds; hotels, lodges, cabins	$12 to $20. Housekeeping tents $8.05	7 days (10 with Grand Teton)	Supt., Yellowstone Natl. Pk., Yellowstone Park, Wyo. *For accommodations:* Yellowstone Park Co. (Winter) P. O. Box 29, LaJolla, Calif., (Summer) Yellowstone Park, Wyo.
Camping, pack trips, riding, hiking, swimming, fishing (Calif. license), winter sports	Free campgrounds; bungalows, cabins, tents, hotels, lodges, High Sierra camps	$10 to $24. Housekeeping tents $3 for 2 plus cafeteria meals (estimated total meals and tent for 2, $7)	7 days	Supt., Yosemite Natl. Pk., Calif. *For accommodations:* Yosemite Pk. and Curry Co., 39 Geary St., San Francisco, Calif. or 62 S. Olive St., Los Angeles, Calif.
Camping, riding, hiking, mountain climbing	Free campgrounds; cabins, lodge, (see season)	$13 to $17.50	4 days (7 with Bryce, 12 with Grand Canyon)	Supt., Zion Natl. Pk., Springdale, Utah. *For accommodations:* Utah Parks Co., Cedar City, Utah

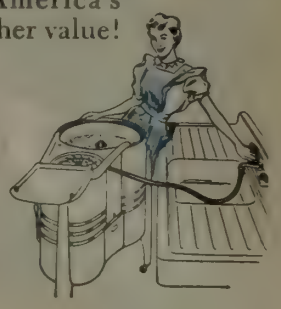
New EASY Spindrier

loves your pocketbook— protects it 3 ways!

1. MORE FOR YOUR MONEY! Two tubs working at once do an average week's wash in less than an hour! One tub washes while the other super-rinses, then spins clothes *up to 25% drier!* Clothes dry faster, are lighter to hang up.

2. EASY ON CLOTHES...SAVES ON "EXTRAS"! Gentle roll-over action washes *all* clothes in *all* parts of tub. Cleans grimiest overalls. Yet safe for sheerest undies! No wringer wrinkles to iron out. No broken buttons. Saves cleaning bills by doing "washable" drapes, slipcovers, at home!

3. SAVES SOAP AND HOT WATER! Uses hot suds over and over. And Easy is *portable!* Just wheel to any sink. *No set tubs needed!* Dollar for dollar, it's America's greatest washer value!



ONLY EASY HAS AUTOMATIC SPIN-RINSE! Just turn a tap, and fresh water surges up through cone in spinning basket, double-rinsing a full load of clothes whiter, brighter in 3 minutes ...with only 3 gallons of warm water! See it in action at your friendly Easy dealer today! Easy Washing Machine Corporation, Syracuse 1, N.Y.



Every day more women say "it's EASY for me!"

PROUDEST
"Among those PRESENTS!"

Sharper Knives with Longer Lives!

At the start . . . sharper edges: Flint knives are made from the finest Vanadium cutlery steel... tempered for extra hardness, then Hi-Arc hollow ground to make easy work of carving, slicing, paring.

For long years... sharper edges: The Vanadium steel is tough, flexible and resilient as a sword. Polished to stay bright for years. Handles are deluxe — finest polished rosewood! See Flint Knives today — at all better stores.



This shows how Flint Knives are Hi-Arc hollow ground high up into the blade.

POPULAR HOLDSTER SET
6 Flint Vanadium Knives in handsome polished hardwood block
$16.95

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From Paring Knife, 75c up

Prices slightly higher in West

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KNIVES

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ECKO PRODUCTS COMPANY, CHICAGO 39, ILL.

Low-cost family vacations

Begins on page 5

Josef Muench



Higher than Niagara . . . Lower falls of the Yellowstone plunge 308 feet into brilliant depths of the Grand Canyon of the Yellowstone

country, off the roads, are far cheaper inside the parks than out of them.

Because the parks, by act of Congress, are dedicated to public use, the Department of the Interior has provided for every type of visitor. By pitching a tent and cooking your own food, you can live for as little as $1.50 a day per person. Or, if you want luxury, you can pay up to $25 a day for each member of your family and revel in an elegant suite.

What kind of park do you prefer? You have an almost unlimited choice.

Does rugged, coastal country appeal to you? Then take a trip to the granite headlands of Mt. Desert Island in Maine, overlooking Bar Harbor and the Atlantic.

Subtropical scenery? Then try Everglades National Park, in Florida, where snowy egrets rise from the waters and alligators lie on the banks.

The Rocky Mountain country? Choose, then, between the snow fields and lakes of Glacier National Park and the 2-mile-high Trail Ridge Road through Rocky Mountain National Park, with its 65 peaks more than 10,000 feet high.

The world's largest trees (Sequoia National Park) . . . the greatest glaciers in the United States (Mt. Rainier National Park) . . . the largest cave yet discovered (Carlsbad Caverns National Park) . . . the greatest and most beautiful canyon known (Grand Canyon National Park) . . . these are some

[*Turn to page 128*

Josef Muench



Troutland . . . Turbulent streams like the Tuolumne in the high country of Yosemite Valley make an angler's paradise in many a park



LUMINESS — AMAZING NEW

COMPOUND ADDS WHITENESS, BRIGHTNESS TO CLOTHES!

YES, LUMINESS, amazing new whitening compound now in La France Bluing Flakes, will actually add *whiteness* and *brightness* to your clothes!

Here's the amazing reason why: All white clothes are *white* and all colored clothes are *bright* . . . because they reflect light.

Luminess increases the amount of light clothes reflect...actually making white clothes WHITER and colored things BRIGHTER each and every time you wash!

What's more—La France isn't a regular bluing . . . it can't possibly streak or spot! And it isn't a bleach either . . . so it can't weaken or harm any fabric.

You can wash fast-color and white things in the same washer load or tubful. New La France with Luminess will whiten the white things and brighten the colored things at the same time.

Try new La France with Luminess next time you wash! See the wonderful, wonderful difference La France makes!

The price is amazingly low . . . all it costs is two to three cents a week.



LA FRANCE BLUING FLAKES

with whitening—brightening Luminess!

A PRODUCT OF GENERAL FOODS

"My ironing is 3 times easier with Satina in my starch!"

WRITES MRS. GERARD SULLIVAN, ROSEDALE, L. I.



"SATINA GETS MY VOTE as an A-1 helper," writes Mrs. Sullivan. "It makes starched ironing 3 times easier, to say the very least. There's never any sticking."

Satina is a wonderful ironing aid that you use with boiled or unboiled starch. It dissolves easily in boiling water or the boiling starch solution.

It not only makes ironing easier, it makes clothes *smell fresher, look newer,* and stay *clean longer,* too!

FREE FULL-SIZE PACKAGE



WE'RE SO SURE *you'll* love Satina, if we can just get you to try it once, that we're offering you a *free* full-size package. Enough for 4 big starchings. Just try it and judge Satina for *yourself!*

A PRODUCT OF GENERAL FOODS

SATINA, Dept. 77, Battle Creek, Michigan

Dear Sirs: Satina sounds good to me. Now I'd like a free full-size package to see how much easier it makes *my* starched ironing.

NAME_____

STREET_____

CITY_____ STATE_____

Women say: "Put SATINA in your starch! It makes starched ironing 3 times easier!"

Low-cost family vacations

Continued from page 12

Josef Muench



Your own private Alps . . . Switzerland has nothing on parks like Grand Teton, Kings Canyon, Mt. Rainier. This is Glacier's Mt. Oberlin

of the best known of our public preserves. All of them are yours, and all of them offer the most economical vacations anywhere on this continent.

This year, the national park system is 76 years old. It was in 1872, after explorers plumbed the mysteries of Yellowstone, that Congress established the area as a national park, "a pleasuring ground for the benefit and enjoyment of the people." Since then, its trees, its wild animals, its waterfalls, and its geysers have been preserved so that you may enjoy them.

If you ask the average American what national park he'd choose to visit first, odds are he'll answer: "Yellowstone, of course." And, if you ask him what geyser he'll go to see first, he'll answer: "Old Faithful."

Old Faithful is the most spectacular of the Yellowstone phenomena, so regular in spouting its column of boiling water that tourists set their watches by it. It is, however, only 1 of 10,000 thermal features in the Park—geysers, hot springs, mud volcanoes.

Even without these impressive displays of hot-water activity, Yellowstone would be a travel must. The Grand Canyon of the Yellowstone, the calm waters of Yellowstone Lake, and the wild animals, ranging from bear to bighorn sheep, combine to provide a 2-million-acre scenic package unequaled in the world.

The official Yellowstone season begins June 20 and ends September 10. By car, you can enter from Gardiner, Red Lodge, or Gallatin, Montana; from Cody and Jackson Hole, Wyoming; and from West Yellowstone, Idaho. By train, there is another wide choice: Gardiner or Red Lodge via Northern Pacific; Gallatin via the Milwaukee; West Yellowstone by Union Pacific, and Cody via the Burlington. Motor coach lines serve all entrances; United Airlines and Northwest Airlines connect with Western Airlines to drop you at the West Yellowstone airport.

In your own town, once you start talking about that trip to Yellowstone, others will want to go. You may well find three different families, with three different notions on how to make the trip.

Perhaps your own choice, if you have two growing youngsters in your family, is to stay in a canvas-frame cabin, thus holding your total cost to $108.50.

The Smiths, however, have relatives on the Coast whom they want to visit. They prefer a quick, escorted tour of the park. It's theirs—for $44.75 each, or $179 for the whole family, including meals, lodging, and transportation. In 2½ days they'll see all the principal sights.

The Joneses have two weeks, but they're saving for a new house. Their decision is to pitch a tent in one of the 15 principal public camp sites. It costs them nothing for this privilege, and water, sanitary facilities, and cooking grates are at hand. The only expense is food, cooked over an open fire—about $6 a day for the four of them, or $60 for 10 days in the park.

The Browns can't quite make up their minds. Should they stay in a comfortable cabin at one of the four lodges within the park? If so, by eating at the coffee shops, their total bill for 10 days will be $151. Both of their children are older than 8, or the cost of lodging would be a little less.

An alternate choice for the Browns is to stay at Old Faithful Inn, Canyon Hotel, or Mammoth Springs Hotel, luxurious establishments with massive lounges and all

metropolitan comforts. Here rate for the four in the family ll run from $320 (in two rooms thout bath, but with meals inded) to $370 in two rooms with bath between them.

UNCLE SAM makes only one arge on motorists entering Yelwstone. That is a flat fee of $3 for tos, plus an extra dollar if a iler is carried. For this figure, ou have the run of 300 miles of proved roads, among them the 2-mile Grand Loop which carries you from Mammoth Hot prings past the Norris Geyser asin alongside obsidian cliffs to ld Faithful, past Yellowstone ake to the brink of the Yellowone Canyon over the summit of 0.317-foot Mt. Washburn and ongside a petrified forest to your tarting point.

Every visitor to Yellowstone is scinated by the bears. Brown and lack, they stroll along the roads, ay even stop your car to beg for andy or food. A word of advice: *Don't feed the bears.* It's a dangerous astime. Park officials warn you to bserve the bears from a distance.

ONCE you've gotten over the urprise of seeing wild animals lose at hand, you'll want to learn nore about the park. Ranger naturalists are on hand to help you. Parties are conducted through ight of the most scenic areas, and here are campfire talks most every evening. More than that, the park has five museums, which also serve as official information offices.

Do you hike, or ride horseback? There are more than 500 miles of trails, leading back from the crowded highways to wilderness areas. Guided trips on horseback may be made for as low as $2. A horse for a day, with a guide, will cost you $12. The Yellowstone Park Company maintains a motorbus service for park tours, with rates from a dollar up.

EVEN the price of fishing trips is regulated at Yellowstone. Launches, with fishing tackle included, cost $3.50 an hour. A rod, reel, and landing net may be rented for 50 cents a day. Half-hour speedboat trips on Yellowstone Lake cost a dollar a person. There's swimming at beaches along the shore, and there also are natural hot-water pools at Mammoth Hot Springs and Old Faithful.

A small army of rangers watches over Yellowstone's million visitors annually. At Mammoth Hot Springs, there is a hospital; there are trained nurses at each hotel and lodge; and physicians are on call to treat injuries or illnesses anywhere in the park. Catholic, Protestant, and Morman services are conducted each Sunday at convenient points.

And that's Yellowstone—unique, but no more so than just about any other national park. However, if your taste runs to less grandeur, if you prefer the softer scenery of the Eastern hills, then you may find just what you want in Great Smoky Mountains National Park, a wilderness oasis in the East.

Last year, nearly a million and a half persons converged on the Smokies. Most of them came down through Virginia and North Carolina over the Skyline Drive (Shenandoah National Park) and the Blue Ridge Parkway, a scenic ridge-top roadway interrupted at four points, but linked by adequate standard roads. Eventually, there will be a skyline drive all the way from the Virginia-Maryland border to the Smokies, a distance of 470 miles.

This largest of the eastern national parks, with a backbone ridge rising above 5,000 feet for 36 continuous miles, is also the most easily reached. Paved roads converge at Knoxville, Tennessee, and Asheville, North Carolina, on either side of the park. The Southern Railway, connecting with northern lines at Washington, serves both cities; the Louisville and Nashville from Chicago and New Orleans, runs into Knoxville. Major airlines reach both cities, and there are seven daily bus trips through the park between Asheville and Knoxville.

LET'S suppose you don't come in your own car, but still want to see the whole park. If so, the Smoky Mountain Tours Company provides for you. There are all-expense tours of the park proper covering 3 days. With rooms, meals, and federal transportation tax included, starting either from Asheville or Knoxville, it would cost $172.60 for a family of four. Longer tours, running all the way up to 10 days, and including sights outside the park, such as Mt. Mitchell (highest in the East) the Pisgah Forest, Fontana Dam, and the Blue Ridge Parkway, run all the way to $170 per person. A one-day trip across the park costs $8.05 per person, or $32.20 for a family of four.

One great virtue of the Smokies is that you can visit them comfortably any time from April to November. In spring, the azaleas and mountain laurel make a carpet of color. In summer, until August, the rhododendron is in bloom. In fall, there is the most spectacular autumn coloring to be found anywhere in the East.

A splendid trans-mountain highway winds through shadowy notches, clings to the timbered mountainside, climbs to almost a mile, and looks down on tiny clusters of cabins preserving a pioneer culture 100 years old. Ancient gristmills, handmade tools, and household objects picture a frontier life that still existed in some tiny valleys until the government stepped in 10 years ago.

A BLUE haze hangs over the peaks. From Clingman's Dome, 6,643 feet, (reached by auto) the mountains seem to stretch off endlessly into the distance. But to see them best, you must shoulder a pack to walk some of the 71 miles of the Appalachian Trail, or travel over some of the 653 miles of horse and foot trails.

As in Yellowstone, there are varied accommodations. At the Chimneys, six miles south of Gatlinburg, and on the North Carolina slope at Smokemont, there are

[*Turn to page 166*

YOU'LL REMEMBER Oregon!



Mill Creek drops into the famed Rogue River, Southwestern Oregon . . .

Your whole family will thrill to Oregon's spectacular variety of all-season playlands. Sparkling waterfalls, streams and lakes are vacation-time gems, set in the Pacific Northwest's deep evergreen forests. Famed scenic routes invite you to fun in mountain snowfields... to 400 miles of the Pacific's ever-changing coastline . . . "Old West" rangelands... vast, colorful gorges. Plan your happy Oregon holiday now. Come *soon* . . . be sure to bring your camera.

Send coupon TODAY for FREE booklet

SEE ALL OF Oregon BY TRAVELING SCENIC HIGHWAYS

Travel Information Dept., Room 139
State Highway Commission, Salem, Oregon
Please send free booklet to:

Name_____

Address_____

City_____ Zone____ State_____

Oh, my aching back!



Here's fast relief...

● Muscles stiff and lame after too much exercise? For fast relief, help Nature by rubbing on Absorbine Jr. This stimulates your local circulation . . . enables fresh blood to bring invigorating nourishment to areas where applied. Pain eases, stiffness "loosens up". . . you can relax and *enjoy* life! Get a bottle of time-proved Absorbine Jr. today and always keep it handy. $1.25 at all drugstores.

W. F. Young, Inc.
Springfield, Mass.



Ah! my Absorbine Jr.!



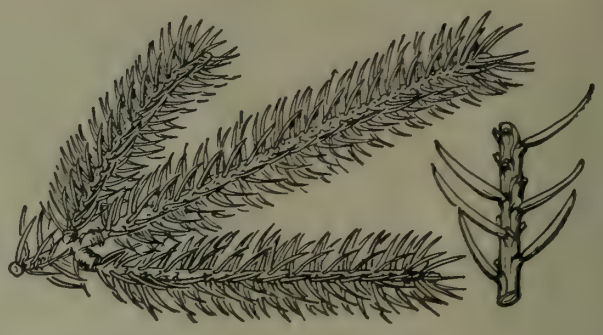
What a pretty frame these curtains of Hathaway Dots* make! They come in many different styles. You can use them to decorate *every* window in your house. Curtains made of Hathaway Dots are always reasonably priced, too. Freshen up *your* house today with Hathaway Dots. Write for our interesting, helpful booklet "How To Buy Curtains." Address: Dept. B2, Hathaway Manufacturing Company, New Bedford, Mass.

Lounging Costume by Claire McCardell

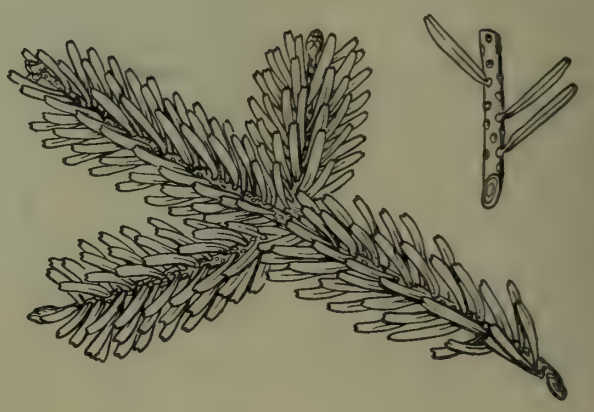
*Woven by the makers of Hathaway Nylon Marquisette

Know your evergreens

Begins on page



SPRUCE (*Picea*) looks like several other evergreens at first glance, but you can recognize it easily if you look at a twig from which the needles have fallen. The needles break off, leaving jagged projections which are a certain identification. The needles are arranged all around the twig making it bushy like the tail of a frightened cat; the cones hang downward; and the needles are generally sharp-pointed and stiff.



FIR (*Abies*) can easily be confused with spruce on first glance since the needles are arranged much the same way. However, when fir needles break off, they leave a smooth, round scar, flush with the twig surface. The needles also differ from those of spruce in being soft to the touch and blunt, while the cones hang downward.



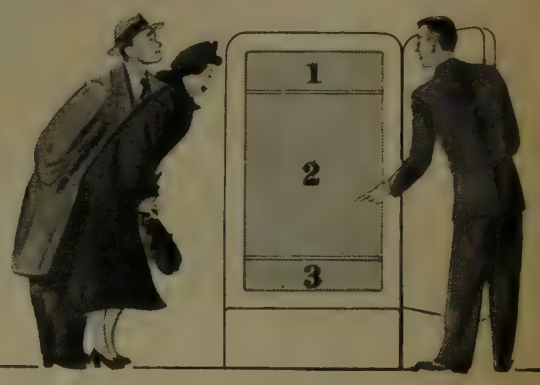
HEMLOCK (*Tsuga*) is another of the evergreens you'll want to know. It's usually a graceful tree with branches which hang down in a flowing, pendulous growth habit. The needles are arranged in rows on each side of the twig, and cones are borne on twig ends.

More on page 132



Want all three cold zones larger in your new refrigerator?

Ask your Frigidaire Dealer to show them to you in America's No. 1 Refrigerator— the one that is different from all others!





You'll be amazed at all the extra room inside this new Frigidaire De Luxe!

Yes, Your Frigidaire Dealer will show you there's all that extra space you've always needed—up to 50% more room than before!—in the 3 cold zones of the new Frigidaire Refrigerators.

This De Luxe model, for example, holds 50 lbs. of frozen foods in the freezing cold of its Super-Freezer Chest. Nearly 2/3 of a bushel of fruits and vegetables will stay fresher, crisper in its super-moist Hydrator—protected by an additional refrigerating system of its own. In between you'll see all kinds of space for everything from fresh eggs to tall cold bottles.

But you'll see far more than extra space—more than extra conveniences. There's one thing that only a Frigidaire Dealer can show you—the difference between a Frigidaire and any other refrigerator you've ever owned or seen—the famous Meter-Miser! Look at it carefully for it's the key to the long, carefree life of your refrigerator—sealed in steel against dirt and moisture, oiled for life, so you won't have to look at it again for years and years. Yes, it's the simplest of all cold-making mechanisms—stingy in its use of current—the No. 1 reason why Frigidaire is America's No. 1 Refrigerator!

Your Frigidaire Dealer will demonstrate all 9 Frigidaire models—all backed by the experience of building 10 million refrigerating units. He will help you select the one that best fits your kitchen, your family, your eating habits. Also ask to see the Frigidaire electric ranges, automatic washer and other appliances for the home.

Look up the name of your Frigidaire Dealer today—in Classified Phone Directory: or write Frigidaire Division of General Motors, Dayton 1, O. In Canada, Leaside 12, Ont.

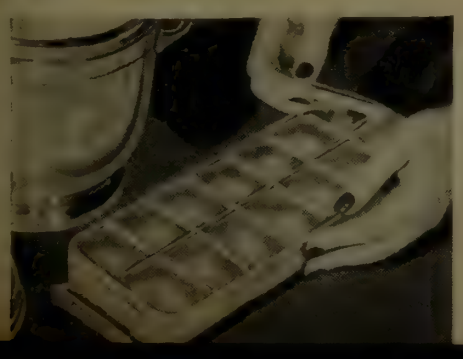
Listen to Frigidaire's New Lum and Abner show, Sunday nights CBS.

FRIGIDAIRE
Refrigerators

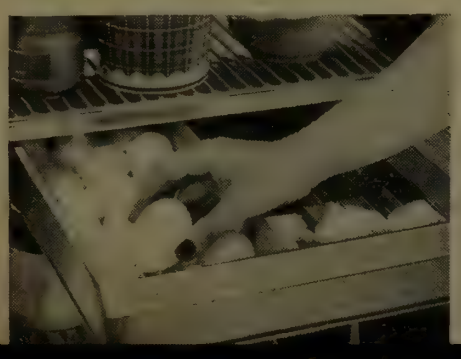
Look how the Meter-Miser works —without belts or gears, without oiling or any attention! It's the simplest cold-making mechanism of all—so easy on electric current!



Watch "Quickubes" pop right out of Frigidaire's exclusive Quickube trays. Cubes freeze fast—come out trigger-quick at the touch of a lever.



Put all your eggs in one Basket-Drawer—handy aluminum drawer that's so convenient for storing all small packages as well as eggs.



You'll like these streamlined shelves —rust-proof aluminum, clean and bright. Close-spaced bars support small items, tippy bottles.





Guard against

RUSTY WATER – LEAKY TANKS!



Be sure the new heater you buy is equipped with a Dow Magnesium Rod or have your present tank protected.

This rod protects the tank of your heater against rust simply, scientifically . . . gives you maximum protection against rusty water and leaky tanks at minimum cost. It adds years of useful life because the rod itself, by electro-chemical action, absorbs the brunt of the corrosive attack instead of the tank.



Leading manufacturers are equipping their heaters with Dow Magnesium Rods. They're taking advantage of this proved way to insure against failure due to corrosion. See your dealer today, and insist on a heater equipped with a Dow Magnesium Rod.

To protect your present tank, ask your dealer about the Link-type Rod for simple installation in existing heaters.



THE DOW CHEMICAL COMPANY • MIDLAND, MICHIGAN

Know your evergreens

Continued from page 13



JUNIPER (*Juniperus*) is going to cause you trouble, because even the experts have trouble with its widely different varieties. Its new growth or juvenile foliage (left) is sharp and prickly and differs greatly from the soft, scalelike matured or adult foliage (right). You'll usually find both on the same tree, but to confuse matters still more, the juvenile foliage never matures on some species. However, you won't have any trouble identifying a female juniper when it bears its frosty, grey-blue berries which are actually small, pulpy cones.



ARBORVITAE (*Thuja*) has foliage as distinctive as any evergreen that grows. Its flat, lacy fernlike branches are already familiar to you even if you haven't known its name before now, and you've undoubtedly noticed the overlapping scales of its leaves and smelled their pungent odor. Arborvitae, like juniper, has both a prickly leaved juvenile form of foliage and a scalelike adult form.

However, the way the branches grow in flat sprays is so different from other evergreens that it's unmistakable, regardless of foliage form.

AFTER learning to recognize these seven, you'll want to get acquainted with some of the other evergreens which grow in your section of the country. Cedars, cypress, sequoia, and larches are all worth knowing, and every one of them has its own distinctive characteristics. But don't make the mistake of looking for any evergreen that looks exactly like the examples given, because they show just the general characteristics. You'll find wide variations in different varieties.

Nevertheless, a little practice should make it easy for you to recognize all of the evergreens in your area just as easily as you now tell an oak from an elm or maple.

Sparkle aplenty!



Bright housewives with a flair for doing things right don't wear themselves out scrubbing toilet bowls. They sprinkle Sani-Flush into them at least twice a week and let its chemical action do the work. Sani-Flush chases stains and invisible, germy film in a hurry. Disinfects, too.

Safe in all toilet systems—good in hard or soft water. At all grocers'. Two sizes. The Hygienic Products Co., Canton 2, Ohio.

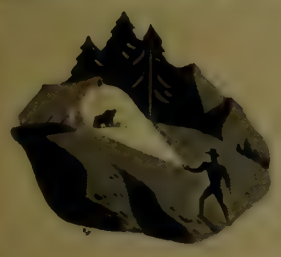


Sani-Flush

GET TWO CANS FOR CONVENIENCE

A QUALITY DRY BATTERY FOR EVERY PURPOSE

BURGESS



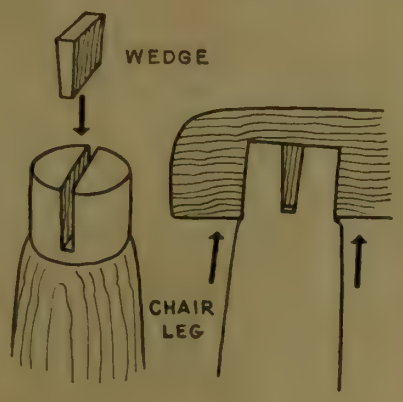
BATTERIES



for Your Flashlight

How-to for the handy man

Continued from page 26



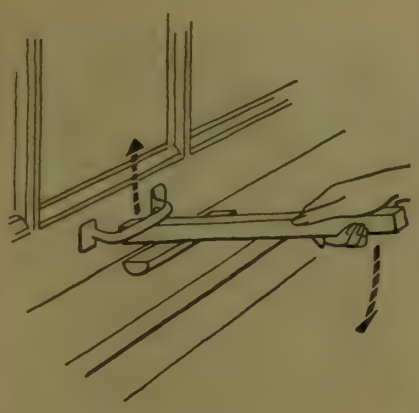
Fixing loose chair legs

The next time you fix a loose leg or rung of a chair, use this method to make your repair permanent.

First, make a saw cut about 1 inch deep in the dowel end of each loose leg or rung. Then whittle a thin hardwood wedge for each slit. The tapered end should slip freely into the saw cut, and the butt end should be about ⅛ inch thick. Make this wedge a trifle shorter than the depth of the saw cut.

Smear glue on the wedge, the end of the dowel, and in the dowel hole. Then drive the dowel slowly into the hole with a wooden mallet. The wedge will spread the end to make a tight fit.

When you use this method to repair a chair leg, the wedge should be at right angles to the grain of the wood in the chair seat to reduce the danger of splitting. *S. B. Major, Peninsula, Ohio.*



Window opener

Do you have a window over your kitchen sink that is hard to open? Mine called for such a long reach that I had to stand on a chair to open it.

My husband solved the problem—and saved me many cases of frayed temper—with a simple gadget. To a 12-inch strip of wood, he nailed a 3-inch piece of half-round molding (a split broomstick would do). The molding was attached crossways about 1½ inches from the end of the stick.

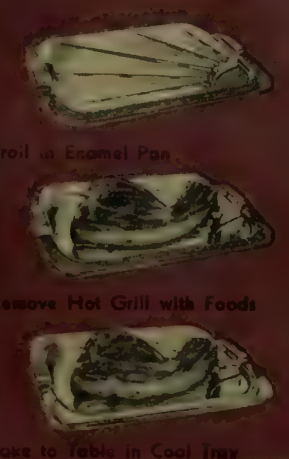
To raise the window, I slip the stick under the window handle and press down. The molding rolls on the sill, and the window goes up easily. *Mrs. Sam C. Mitchell, Kansas City, Kansas.*

More on page 189

The Spotlight's on

ROPER

"America's Finest Gas Range"



Lets You BROIL...
Lets You SERVE
from the same delightful
"SERV-HOT"
GRILL
*A ROPER Jewel





Examine the new automatic ROPER Gas Ranges at your local ROPER Retailer's. Then make your selection from 38-inch, 40-inch and extra-capacity "Town and Country" models. You can enjoy a new ROPER for use with any kind of gas, including Liquefied Petroleum (Bottled Gas).

*TIME-SAVING, FLAVOR-COMPELLING
Jewels of Cooking Performance

"Staggered" Cooking Top
"Simmer-Speed" Burners
"Insta-Flame" Lighters
"Insta-Matic" Clock Control
Infra-Red "Glo" Broiler
Big "3-in-1" Oven

SEALS OF APPROVAL

Write For Free Descriptive Folder BH.

GEO. D. ROPER CORPORATION
Rockford, Illinois



Bedrooms have privacy

stock door painted to blend in with the wall color which surrounds it.

Bedroom windows are grouped together on the street side, and sills are high enough above the floor so that furniture fits underneath them. Living-room windows, however, extend all the way to the floor, since privacy is a lesser consideration there.

Choice of exterior materials keeps to a minimum the amount of time and money you spend on maintenance. Unpainted brick needs only an [*Continued on next page*



In the owners' bedroom a corner between closets and windows is filled with built-in drawer space, and mirror is cut to fit the corner. Curtains are maize-colored nylon that match the yellow, softly textured wallpaper



On one wall of small bedroom, cabinets and chests were placed in a line, then tied together by glass shelf that forms the dressing table



Tape it easy!

A strip of Cellophane Tape along the back of your galoshes will keep stockings from wearing or streaking.



REG. U.S. PAT. OFF.
SCOTCH BRAND
Cellophane Tape
TRANSPARENT AS GLASS
Buy It At Your Favorite Store

Tips on everything from gift wrapping to mending picture frames in our new booklet "Tape It Easy!" Send for your free copy today to Minnesota Mining & Mfg. Co., 942 Fauquier Ave., St. Paul 6, Minn.

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Big new **CROSLEY**

Coming or going, it's the Smartest car on the road!

Crosley is truly a fine car. Again Crosley leads the way with America's highest compression ratio—7.8 to 1. Even more power, and greater economy—up to 50 miles a gallon. Costs less than an 8-year-old high-upkeep used car. Prices range downward from the Station Wagon at only $929 F.O.B., Marion, Ind.

NEW CROSLEY SEDAN DELUXE
is bigger! New speed line styling, rich interior, choice fabrics. Seats 4 with ample luggage room.

NEW CROSLEY STATION WAGON
with larger, longer body lines. Seats 4, or 2 with ¼ ton load. All steel. No increase in price.

CROSLEY
a FINE car

See all five Crosley models at your dealer's. Or write for catalogue—Crosley Motors, Inc., 2530-RB Spring Grove Ave., Cincinnati 14 Ohio.





Flexscreen

Beauty and MORE!

Shimmering folds drape your fireplace with grace and charm. The flexible, woven-metal curtains are *sheer*, for full view of your fire's dancing fascination. Yet they're *sparkproof*, for your furnishings' protection—and your safety! Both curtains open or close at one time with Unipull. At better stores everywhere.

Write us at 249 Brook St., Norwich, N. Y., for illustrated Flexscreen folder.

BENNETT-IRELAND INC.
Chartered in 1906
NORWICH, NEW YORK



A HOUSE THAT SAYS

Hello!

Cabot's Collopakes make your house look so clean and bright and cozy, it seems to bid everyone a friendly welcome.

This is because our *patented Collopaking process* produces fresh durable colors, a velvety-smooth surface, and the amazing hiding power that makes Cabot's Collopakes so economical to use.

FREE! COLOR CARD AND BOOKLET, "The Little White Book" with pictures of 10 Prize Houses and complete information about Cabot's Collopakes. Write to:

Samuel Cabot, Inc.

213 Oliver Building
Boston 9, Mass.

occasional repointing. Natural redwood siding is shellacked and waxed, needs only a biennial rewaxing. Window trim and doors are the only items that require painting.

THE stores listed below operate permanent Home Planning Centers, featuring the *Better Homes & Gardens* Five Star Plan Service. At each store you can obtain advice and assistance, without cost, in planning, building, furnishing and equipping your new home, or remodeling your present home. You are cordially invited to take advantage of this complete Home Planning Service. Visit the Home Planning Center near you today.

Akron—The M. O'Neil Company
Albany—W. M. Whitney & Co.
Binghamton—McLean's Dept. Store
Birmingham—Loveman, Joseph & Loeb
Bloomington—Livingston's
Boston—Jordan Marsh Company
Brooklyn—Abraham & Straus
Buffalo—The Wm. Hengerer Co.
Cedar Rapids—Smulekoff's
Chattanooga—Miller Bros.
Chicago—First Federal Savings & Loan Assn.
Cleveland—The Higbee Company
Dayton—The Rike-Kumler Co.
Denver—The Denver Dry Goods Co.
Des Moines—Younkers
Detroit—The J. L. Hudson Co.
Enid, Oklahoma—Long-Bell Lumber Co.
Ft. Wayne—Wolf & Dessauer Co.
Hartford—G. Fox & Co.
Indianapolis—L. S. Ayres & Co.
Lansing—J. W. Knapp Co.
Lincoln—Gold & Co.
Los Angeles—Barker Bros.
Louisville—The Stewart Dry Goods Company
Milwaukee—Gimbels
Minneapolis—L. S. Donaldson Co.
Muncie—Ball Stores
New York—The Franklin Society for Home-Building and Savings
Oakland—Breuner's
OklahomaCity—Harbour-Longmire
Omaha—Orchard & Wilhelm
Peoria—Block & Kuhl
Philadelphia—Gimbel Brothers
Phoenix—Dorris-Heyman
Pittsburgh—Joseph Horne Co.
Richmond—Miller & Rhoads
Rochester, New York—McCurdy's
Sacramento—Breuner's
San Diego—V. J. Lloyd, Inc.
San Francisco—Macy's
St. Louis—Stix, Baer & Fuller
St. Paul—The Golden Rule
Silver Spring—The Hecht Co.
South Bend—Robertson Bros.
Spokane—The Bon Marche
Springfield, Massachusetts—Forbes & Wallace
Stockton, California—Breuner's
Tampa—Maas Brothers
Tulsa—Dickason-Goodman
Washington—The Hecht Co.
Wheeling—Stone & Thomas
Worcester—Sawyer's
Youngstown—The Strouss-Hirshberg Co.

Models of *Better Homes & Gardens* Five Star homes are frequently shown in the stores listed above. Inquire at the Home Planning Center for showing dates.

Plans and Home Plan Book

Better Homes & Gardens Five Star Home 1902, featured in this issue, is one of the series of one- to four-

[*Turn to page 145*

Speed Queen

7 full loads in 1 hour!

for America's fastest washday



WITH a Speed Queen, there are no series of "cycles" to wait for. You can keep loading your Speed Queen, at 5 to 10-minute intervals, and finish your week's wash in a matter of an hour or so. This saving in *time* — in *hot water* — in *soap* — plus *low initial cost* — all contribute to giving you America's fastest and lowest-cost home laundry service.

See your Speed Queen dealer — or write for a free copy of "ANSWERS TO YOUR HOME LAUNDRY PROBLEMS."

BARLOW & SEELIG MFG. CO.
18 Doty Street Ripon, Wisconsin



Do your ironing comfortably seated, in half the time, with an Automatic Speed Queen Ironer.

SPEED QUEEN

Built by Home Laundry Equipment Specialists Since 1905



How old are you in your daughter's eyes?

Suppose a younger woman comes to you again and again full of enthusiasm for discoveries she has made. And you show that you are indifferent to almost all of her new ideas. Then don't be surprised if she thinks you "set in your ways"—and "old"... You are probably also missing some excellent suggestions.

To many girls Tampax is an important discovery indeed—a sensible, practical way to provide for monthly sanitary protection. Tampax discards belts, pins and external pads. It is worn internally and *cannot be felt* when in place. No hampering bulk or chafing. No odor—because odor cannot form. No need to remove before taking bath.

Tampax was invented by a doctor and is now used by *millions*. Made of compressed absorbent cotton, each Tampax is firmly stitched and enclosed in an efficient applicator. Changing is quick. Disposal easy (only 1/9 the size of external pad). Average month's supply slips into your purse. Buy at drug store or notion counter and have ready when needed. *Three absorbencies:* Regular, Super, Junior. Tampax Incorporated, Palmer, Mass.



Accepted for Advertising by the Journal of the American Medical Association

New baby? Send these useful gifts

By Fae Huttenlocher

THE happiest time to send a gift of flowers is to welcome the arrival of a new baby. Why not make your gift useful as well as beautiful? Then it will be appreciated long after the flowers are gone.

One of the flower arrangements is for the new dad's desk. The other two are for Mother.



Husky bouncer is an amusing gift to welcome a baby boy. The figure is made of weighted plaster and can be used later for book end or a nursery doorstop. Miniature boxing gloves add the masculine touch



For the new father—send it to his office. He has to be ready with a handout. There are buttonhole carnations for some friends, cigarettes for others. Match holders with "It's a boy" or "It's a girl" printed on cover are held in place by wire holders

Photographs: Pix, Inc.



Enamel basket or toilet tray holds frosted glass bowls for Baby's toilet needs. These will come in handy all during Baby's first year. Remove lids and tuck seasonal flowers into the bowls. Fasten a lovely camellia, gardenia, or rose with a bobby pin to base of the tray. Mother will take the flower off and put it in her hair

Is your child's future worth a Wurlitzer?

You want a Wurlitzer piano. You know it will make your home a happier one. Happier because it will be lovelier. Happier because a piano draws the family together. Happier because such a fine instrument is a home center for fun and relaxation.

These are good reasons, but there's a better one. A Wurlitzer in your home can help your children go further in life. Like a good education, a Wurlitzer is an investment in your child's future. An investment that pays rich dividends in poise and popularity and social success. In developing character and personality and, who knows?—a glowing career!

Is the size of the investment holding you back?

It needn't. For though a good piano is not cheap, the Wurlitzer costs *less than you think!* No piano made contains finer parts or costlier materials, yet the price is far below that of many other famous makes. Why is Wurlitzer able to bring you a *quality* instrument at a *moderate* price? The reason is simple:

More people buy Wurlitzer pianos than those of any other name!

WURLITZER *pianos*

THE RUDOLPH WURLITZER COMPANY, DE KALB, ILLINOIS



Wurlitzer pianos are available in a wide variety of styles, both modern and traditional, and in many beautiful finishes. $495 to $975.





WHEN SHE HAS DATES...
The girl who can play the piano is a more popular girl, more poised and more sure of herself. A Wurlitzer in her home encourages home entertaining, wholesome recreation.



WHEN SHE MARRIES...
Nowhere is a woman's charm and grace more evident than at the piano. A Wurlitzer contributes to the serenity and companionship that make for happy married life.



IF SHE HAS TALENT...
A Wurlitzer in the home may open the doors to a glorious career. But talent or no, playing the piano will be a source of satisfaction and pleasure for the rest of her life.

Cape Cod

HAND-CRAFTED
CRYSTAL

Complete
TABLE SERVICE



Serve tall drinks in this Footed Ice Tea



Above:
Tall Sherbet for constant use

Below:
Designed for wine table service



Left:
For Cocktail time, use Cape Cod



Below:
Cape Cod salad plate, also available in bread and butter and dinner sizes.



Above:
The perfectly proportioned Water Goblet



The More You *Use it*—
The More You *Like it!*

Good design is never obsolete—
it continues to grow and enhance
in beauty with the years

Cape Cod, a pattern in which yesterday and today are attractively combined, is offered by fine stores everywhere. *Crafted* by artisans at the Imperial Glass Corporation, Bellaire, Ohio.

The Killingsworths

They cut costs with ideas

THE Killingsworths—whose window story is told on page 54—had other problems that might have meant costly remodeling. There was the problem of what to do for a living-room entry, and the problem of inexpensive carpeting for a temporary home. The Killingsworths solved those problems, too, and here's how they did it.



Killingsworths got the effect of an entry with grill made from inexpensive molding. Recessed lighting in plywood trough painted to match ceiling illuminates sofa, highlights papered wall. Coffee table topped with corrugated glass is homemade. "Island" tables were rare bargains

Unused drive becomes patio

IF YOU'RE wondering what is behind the pergola and high board fence of the Killingsworths' home in the story on page 54, these pictures take you backstage. The Killingsworths wanted an outdoor living room and a place for their son Gregor to play. They enclosed an unused driveway outside the dining-room door with a tall redwood fence. Half of the patio was already paved with cement left over from the driveway, and Mr. Killingsworth covered the rest with brick laid in a basket-weave pattern. A sandbox for Gregor was added to one corner and shrubs and vines were set off by redwood planks. The Killingsworths have created a background for gracious living—outdoors as well as indoors—on a firm budget.



Killingsworths' patio is screened from the street by redwood fence and a pergola over the old driveway. Enclosed patio provides a protected play area for Gregor. At this end he has a sandbox built of redwood that fences patio. Planting box at right brings garden into patio. Fence is topped with plastic screening that looks like opaque glass

...ues on page 54

...ut you can use



...ura Killingsworth's large shag rug is three small rugs that she can put ... the washing machine, whipstitch together. The carpet in the living ...om—and throughout the house—is fiber matting, purchased in sec... ...ons and sewed together. It can be scrubbed with soap and water

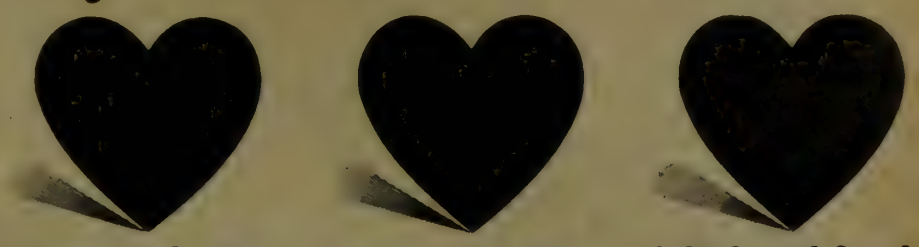
...nd safe spot for a child



Patio is pleasant place for entertaining. Shade is provided by a bamboo blind stretched across yellow beams. Shade can be rolled back. Until they can buy more outdoor furniture to go with green canvas sofa, Killingsworths use webbed chairs and "island" table from living room. Bricks set in basket-weave pattern make inexpensive paving for patio

More on next page

if your heart's set on...



Automatic Cooking
New Gas ranges cook complete oven meals by simple clock control!

Automatic Lighting
Top burners, oven, broiler—all light instantly without matches!

Split-Second Speed
Only Gas gives you any of dozens of exact heats without waiting!

Featherlight Cakes
Only air-circulated Gas ovens bake so uniformly, brown so evenly!

Char-Type Steaks
Gas gives you perfect broiling results from rare to done through.

Streamlined Design
No dirt-catching cracks! Gas burners are non-clog, broilers smokeless!

GAS *has got it!*

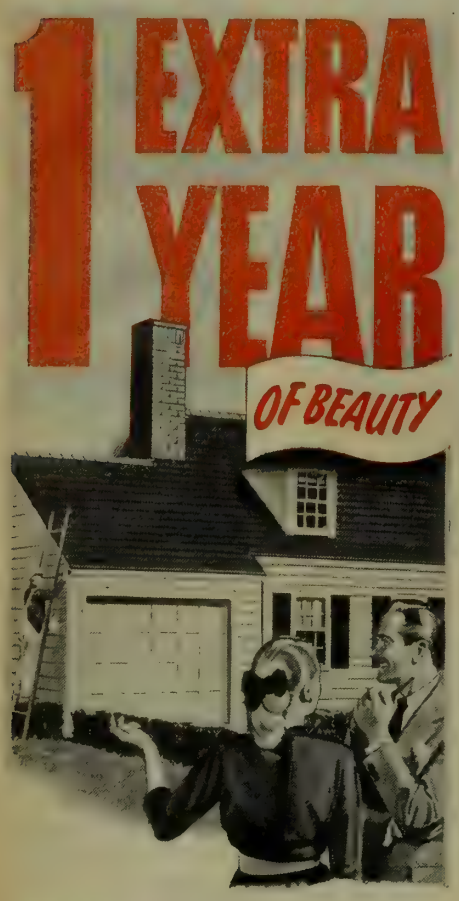


More women are buying new Gas ranges than all other types combined! This CALORIC "CP" Gas range tells you why—as do all other equally fine "makes" built to "CP" standards. Choose the one that fits your family at your Gas company or appliance store. And for the next step in your "New Freedom Gas Kitchen,"* get a silent, trouble-free Servel Gas refrigerator. It's *tops* in food preservation!

AMERICAN GAS ASSOCIATION

*CERT. MARK, AMER. GAS ASSOC., INC.

Something Extra
has been added
to famous
SWP House Paint



SWP House Paint
stays whiter,
brighter—longer!

Best buy in home protection, for over 80 years . . . that's Sherwin-Williams SWP House Paint! America's favorite, SWP now brings you a great big extra bonus—beauty that lasts a full year longer than before!

In its whiter, brighter whites—or in its cleaner, more beautiful colors—SWP gives your home a "freshly-painted" look that stays on and on! More homes are painted with Sherwin-Williams SWP than with any other brand of paint. Today, more than ever, it's your greatest house paint value!



FREE BOOKLET on painting your home with SWP House Paint is now available at all Paint Service Center Dealers who display the "Cover-the-Earth" emblem.

SHERWIN-WILLIAMS PAINTS

LOCATE YOUR NEAREST S-W DEALER IN THE CLASSIFIED SECTION OF YOUR TELEPHONE DIRECTORY

 Continued from preceding page

Bedroom windows become a wall of draperies



THE Killingsworth's window problems weren't limited to their living room and dining room. Their bedroom windows were another challenge. They were small, but they defied a deft touch. Tieback curtains wouldn't hide the heavy woodwork; sill-length glass curtains would only leave the wall with a well-chopped look. Laura and Ed Killingsworth decided to use the same strong treatment that had worked in the other part of the house. When they finished, they were glad their windows had forced them to be bold.

Bold treatment, again, turned the trick here





Killingsworths found that by draping entire wall they had given it unity. They used glass curtains to conceal the windows and woodwork. Both curtains and draperies were hung from the ceiling to give the windows luxurious height

WHAT
Oil Heat
Equipment
is always
installed right?

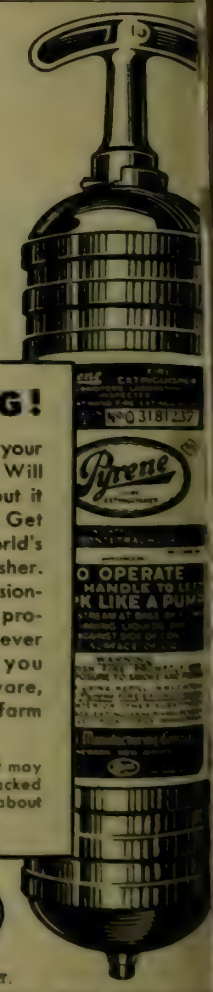
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OF COURSE!

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Fire may strike your home tomorrow. Will you be able to put it out? Play safe! Get PYRENE*—the world's finest fire extinguisher. PYRENE is precision-made for *sure* protection . . . whenever and wherever you need it. At hardware, home, auto and farm supply stores.

FREE! A booklet that may save your life—packed with important facts about home fire protection.

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Have You Tested Your Fire Extinguisher Lat



· time, trouble and expense with
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:r? Why hunt fuses in the dark . . . or
off in the midst of preparing a meal to
the store for the new fuses you forgot to
Why stumble down dark cellar stairs and
le in the old fuse-box wondering what to
The Cutler-Hammer Multi-Breaker ends
annoyance forever. It is installed in the
en or any other convenient place. And
service goes off, all you do is reset a tiny
that has snapped out of position. Nothing
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d in the twinkling of an eye . . . even by a
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l Manufacturers, 1396
aul Ave., Milwaukee, Wis.



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The Kitchen-aire EXHAUST FAN is Different..!



★ It gives you maximum efficiency: the exhaust grill may be mounted above the cooking range, even if the range is located on an inside wall.

★ It is fire-safe: grease-laden air is NOT drawn over motor.

★ It is quiet: operating mechanism is mounted OUTSIDE your wall.

★ It is weatherproof: back-draft damper protects against heat loss; operating mechanism is housed in corrosion-free aluminum.

★ It is ideal to make your kitchen cool, clean, odor-free; your recreation and bath rooms daisy-fresh; your basement dry.

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★ It is electrically operated, can be installed in new or old houses . . . yes, indeed, the Kitchen-Aire fan is DIFFERENT.

Write for particulars and the name of your nearest dealer. Dealer and distributor inquiries welcome.

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Cooking secrets

By Genevieve Callahan

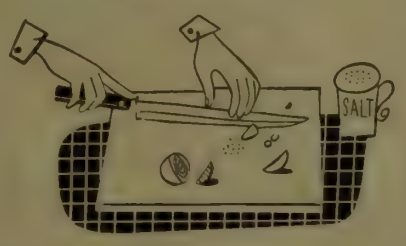
To make crumbs stick to chops or croquettes, first roll the chops or croquettes in *flour*, then dip them into beaten egg, then into crumbs. Let stand a little while if possible. This lets coating dry slightly so fat won't spatter during frying.

For fluffier meat balls, soften bread crumbs in hot milk instead of in cold milk. This softens and fluffs the bread quickly and makes meat balls lighter and more tender. When you add the bread to the meat, mix *lightly* with a fork.

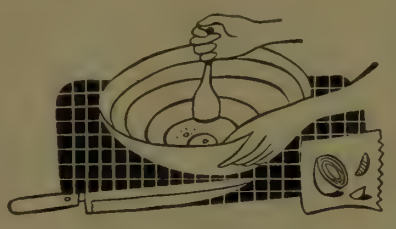
When you cool a cake, turn it onto a rack and put absorbent paper towels under the rack to absorb some of the steam. Otherwise the cake may get soggy on the underside.

Hot stuff. To make really hot mustard (the kind your husband gets at his favorite restaurant): Stir *boiling* water into dry mustard, about 3 tablespoons water to 1 of mustard. Cool, then add salt to taste, and a little salad oil to keep mustard from drying out. Let stand about 20 minutes before serving. Eat at your own risk with ham or corned beef. It's hot!

Garlic tips



Mash garlic with salt when you want garlic seasoning in a casserole. Put the peeled cloves of garlic on a small chopping board, slice them and sprinkle thickly with salt. Then, holding the blade of the knife almost flat, thoroughly mash the garlic with the salt.



To garlic a salad bowl, use a wooden potato masher (a toy one is fine) to mash and rub the garlic over the inside of the bowl. Discard what's left of the garlic.

How to cook garlic. Most spaghetti-sauce recipes that call for garlic and onion say to cook them in fat first. Garlic burns and blackens more quickly than onion does, so cook the onion first—until it's tender. *Then* stir in the garlic.



FLUFF-DRI CLOTHES

Fresh- as a Daisy

in minutes—not hours!

Think of the extra pep you'd have—the hours you'd save—if you never had to hang out another wash—if you could dry it all *indoors* with a Hamilton Automatic Clothes Dryer!

No more struggling with heavy baskets—clotheslines—clothespins! Just put the clothes into your Hamilton, flick the switch and in a matter of minutes your clothes are gently tumbled fluffy-dry and wrinkle-free.

"But wait," you say! "How about the fresh air and sunshine on my clothes and linens? I like that. I want that."

Madam, good old Science thinks of everything! There's a powerful ultra-violet Sun-E-Day lamp in your Hamilton. It sanitizes your clothes and sweetly freshens them with genuine sunshine-and-breeze *ozone.* They smell like the breath of Spring.

How *about* that? How about calling on your Hamilton dealer? (For his name, call Western Union by number and ask for Operator 25.) HAMILTON MANUFACTURING COMPANY, TWO RIVERS, WISCONSIN.

In Canada the Hamilton Dryer is known as the Coffield-Hamilton Automatic Clothes Dryer, and distributed by Coffield Washer Co., Hamilton, Ontario.

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CLOTHES DRYER
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Until you actually enjoy it, you'll never know how comfortable the "Chamberlin System" can make your present home! You'll enjoy warmth in winter, big fuel savings, year after year, coolness in summer, protected by Chamberlin ROCK WOOL INSULATION blown in wall-thick; and when Chamberlin's experts "tailor-fit" rustproof metal WEATHER STRIPS in windows and doors, you'll be protected from unhealthy drafts and infiltration of rain, dirt, and dust; you'll enjoy still more fuel savings and real comfort with Chamberlin's all-metal STORM WINDOWS quickly changeable from inside.

Chamberlin is the *only* complete 3-way home comfort service! Nation-wide Chamberlin has 40 factory branches, a thousand factory-trained mechanics, over 50 years' experience in adding comfort and economy to nearly 3 million homes and buildings. Chamberlin assumes all responsibility for your lasting satisfaction.

Proper installation is half the job . . . Chamberlin does it right! It's a once-in-a-lifetime buy . . . be sure you get Chamberlin! See the man who knows "all three" home comfort services . . . your Chamberlin Man (see the phone book). Easy budget terms! For free survey, no obligations, call your Chamberlin Man or mail coupon today!



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☐ Please mail free book, "A Guide to Home Comfort"

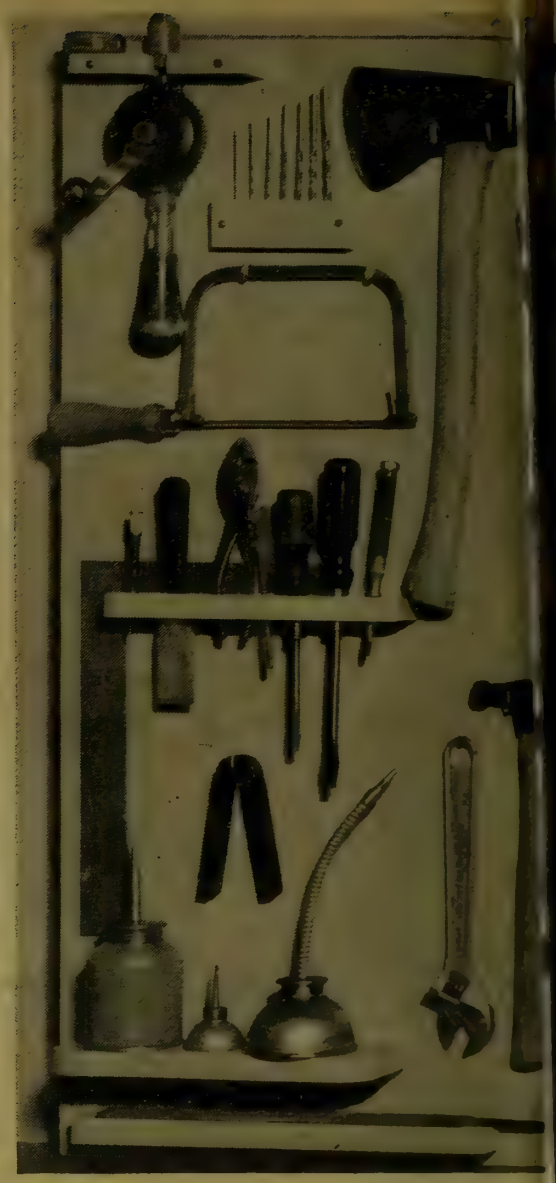
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Your BASIC home to

THE more tools you own, the more money you can save by making home repairs. But where should you start?

The photograph shows the basic hand tools, together with supplies like nails and screws you should have. Tools that call for special skill are omitted. This is a good place to start, even if you hope to have a mechanized shop someday.

Tools	The best kind	Use
Metal measuring tape	Six-foot rule that rolls up in a case. Handy for carrying in pocket or in purse while shopping	Measuring sizes of objects or spaces
Hand drill and drill points	Get a small drill, about 12 inches long, and seven drill points, 1 16", 3 32", 1/8", 5 32", 3 16", 7 32", and 1/4"	Drill pilot holes for nails and pilot and anchor hole for screws
Hand ax or hatchet	Small, lightweight. Buy the best quality so it will hold a sharp edge	Splitting wood cutting kindling, pointing stakes
Handsaw	A 26-inch crosscut saw, 10 points to the inch. Quality really pays	Sawing wood
Coping saw	Steel frame, to take 6½-inch pin-end blades	Small cutting jobs on wood or soft metal
One-foot square (or try square)	Get one with clear, legible markings	Marking boards before sawing and testing results
Nail set	Best quality, with a machined point that won't slip	To finish driving nails, and to set finishing nails beneath the wood's surface
Putty knife	Blade about 1½ inches by 3¼ inches	Scraping flat surfaces, applying putty, wood plastic, calking compound



Photograph: Stanley

tool shelf

By Richard R. Kyl

Note the compact, efficient storage board. It is built of plywood, held with screws. Each hanger fits a specific tool, which makes it easy to keep everything in perfect order.

Below is a tabulation of the tools pictured, identified from left to right starting at the top left-hand corner. Be sure to buy good tools; you'll save money in the end.

Tools	The best kind	Use
Pliers	Adjustable slip joint, 6 or 8 inches long	Cutting wire, holding nuts while inserting bolts, etc.
Glass cutter	With wheel and notched head. Best quality is inexpensive	For scoring glass before breaking
Screwdrivers	One with 4-inch blade and one with 6-inch blade for general use. Nest of small screwdrivers	Use the screwdriver that best fits the work you are doing
Magnet	Any kind will do	To keep tacks under control as you use them
Oil cans	One large, one small, and one with a flexible spout, each with a different grade of oil	Household oiling needs
Crescent wrench	Get a 10-inch wrench with a jaw wide enough to fit plumbing cleanouts	Minor plumbing repairs
Claw hammer	A 7-ounce, No. 12, Size 3, can be used for both tacks and nails. For heavy nailing, get a 16 unce hammer	Driving and pulling nails
File	Single-cut mill file, 10 or 12 inch	Filing off rough edges of metal

See next page for list of supplies

"Her Heart's Delight"

New Model Home in University Square, Santa Clara, Cal. Designed and Built by Leslie I. Nicholls, Architect, and Pasetta Construction Co.

RADIANT HEATING AND ALL DOMESTIC HOT WATER NEEDS SERVED BY SINGLE

Janitrol

TRIPLE SERVICE UNIT



Radiant Heating With Circulated Hot Water.

Dishwasher and Laundry, High Temperature Hot Water.

3 Bathrooms, Moderate Temperature Hot Water.

EVERY step in the planning of this beautiful ranch style home was made to secure the utmost in charm and distinction . . . every modern convenience was incorporated to assure ease and comfort.

Radiant heating was specified for its cleanliness, unvarying warmth and practicability for the single floor plan without basement.

Janitrol was selected as the most modern hot water heating system, also because a single unit provides ample hot water at the right temperature for the automatic dishwasher and the laundry, as well as a more moderate temperature hot water for the three bathrooms.



While Janitrol was selected for "Her Heart's Delight" because only the finest would do, its use is not confined to higher priced custom built homes . . . Janitrol Triple Service Systems are installed in hundreds of medium priced homes. These modern Janitrols, both gas and oil-fired, are also widely used with convectors, the new type, space-saving radiator . . . in these installations the temperature of each room is individually controlled.

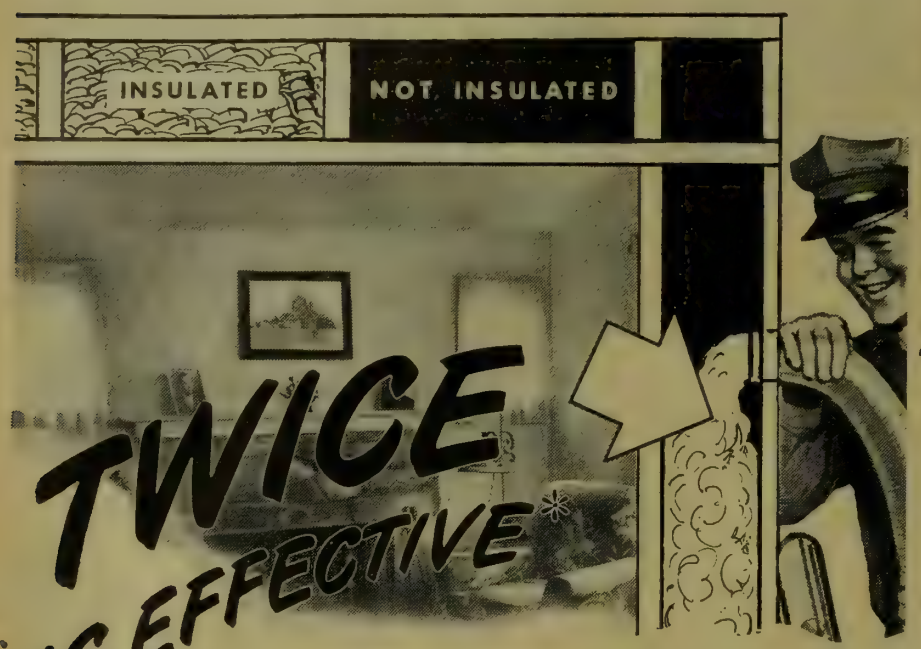
For double assurance of dependable heating comfort and all your hot water needs, Janitrol is installed only by thoroughly experienced heating specialists. Call your local Janitrol dealer or write us for complete information.

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HEATING COSTS ARE UP!

One million home owners will tell you your best step to save fuel is Johns-Manville HOME INSULATION



*Government figures, published in U. S. Bureau of Mines pamphlet, show that full thick wall-and-ceiling insulation saves fuel *twice as effectively* as other treatments used in protecting the average house against heat losses.

● You know, at today's high prices for fuel, a saving of up to 30% really *amounts* to something—a *major economy*.

And you can *have* such fuel savings . . . up to 30% *year after year* . . . when your house is completely insulated by a Johns-Manville "Blown" Home Insulation Contractor.

Carefully selected and approved by Johns-Manville, he is trained to "blow" J-M Rock Wool *scientifically*, in full measure, to prevent heat-leaking "voids" and give you *full benefits*. In addition to fuel savings, you'll have extra protection against fire, a warmer home in winter, up to 15° cooler in summer!

Why let HOLLOW walls and plaster-thin ceilings continue to rob you of precious fuel and comfort? The most effective step you can take is to insulate those *hollow* spaces.

Your approved J-M "Blown" Home Insulation Contractor can arrange *easy monthly payments —FHA approved terms.*



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Please send me FREE copy of your 24-page book, "Comfort that Pays for Itself."

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Listen to Bill Henry with 5 minutes of the latest news brought to you by Johns-Manville, 9:55 P. M., EST, Monday through Friday, over your Mutual station.

Your basic home tool shelf

Begins on page 142



Supplies

Top shelf, left to right:

1. Screen staples, blued steel, with a square bend at the top
2. Cut tacks, small and large
3. Glazier's points, for holding window glass in place
4. Picture hooks and nails
5. Assorted cotter pins
6. Faucet washers and hose washers
7. Fuses and plug bases.

Second shelf:

8. Blue tinners' nails and common or box nails, 1½", 1¾", 2", 2½", and 2¾". Box nails are thinner than common nails, hence will bend more easily. But they do not split wood as readily as common nails.

Third shelf:

9. Assorted small brads and flathead nails. Also a roll of friction tape
10. Brads, ¾" and 1"
11. Finishing nails, 1½", 2", 2½", and 3", each size in its own jar.

Fourth shelf:

12. Assorted screw eyes
13. Assorted screw hooks, "L" and "C" shaped, and cup hooks
14. Mixed small round-head and flathead screws
15. Assorted medium-sized flathead screws
16. Assorted medium-sized roundhead screws.
17. Assorted small bolts and nuts
18. Assorted metal washers.

Bottom shelf:

19. Assorted sheets of sandpaper and hinge wax, the latter for silencing squeaky hinges.
20. Beeswax, used to lubricate screws before setting
21. Jar of wood plastic
22. Can of waterproof glue
23. Can of putty.

Parents must consider these things

The trouble with raising a child
by the book
You worry clear out of your mind
On whether according to page so
and so
He's normal, ahead, or behind.

—*Helen Castle*

Talk about Versatilit
THIS HANDY DRIL
is in a CLAS
by ITSEL



Home-U
¼" Dr
$18

Drilling for Cabinet Work
Sanding Curves, Corners, Flats
Grinding Off Burrs
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"I used to think a was only for drill but my Home-U ¼" Drill has e power and speed for ing, light grinding, ing and wire bru too! And for better er workshop dr it's a world-beater. when you think y exhausted its uses, find new ones fo handy Home-U Drill. To top it o built by BLACK DECKER, the p who've been m quality electric too 38 years. That me powerful motor, h housings, full-size and bearings. At $18.95, you won't fi bigger value!"

Order Home-Utility from your hardware, trical or implement d

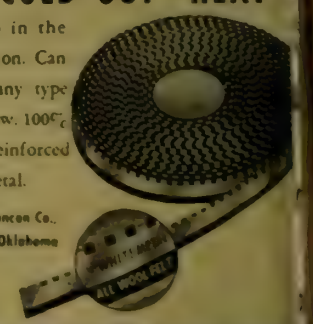
ELECTRIC HOME-UTILITY TOOLS

Products of
THE BLACK & DECKER MFG. CO
Dept. H2B, Towson 4, Maryland

Nu-WAY
WEATHER STRIP
FOR WINDOWS AND DOOR

KEEPS COLD OUT • HEAT

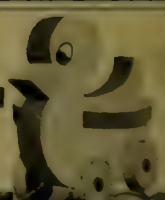
Easiest strip in the world to put on. Can be used on any type door or window. 100% all-wool felt, reinforced with white metal.



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MACKLENBURG DUNCAN CO. QUALITY PRODUCTS — AT LEADING LUMBER YARDS AND HARDWARE STORES

MEND BROKEN TOYS with



EASY! N skill requir Handles lik putty.....an hardens int wood.

PLASTIC WOOD





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Free Booklet

It's fact-packed with ideas of real value for home owners, prospective home owners and remodelers. Includes the styles which architects believe best suited for attractive, low-cost reinforced-concrete, the modern stucco exteriors. Tells the economy reasons why more and more contractors are using this siding material for partial or entire exteriors. Tells the low-maintenance cost facts based on the experience of home owners living in houses with this type of siding.

If you're going to build, buy, or remodel a home, find out how Keymesh reinforcing of quality concrete meets today's need for an exterior treatment that combines beauty with economy.

Write for your free copy today.

Home Service Division
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1800 Keystone Ave., Peoria 7, Ill.



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The chameleon depends for his living on the speed of his tongue. It darts out nine inches or more catching insects literally on the wing.

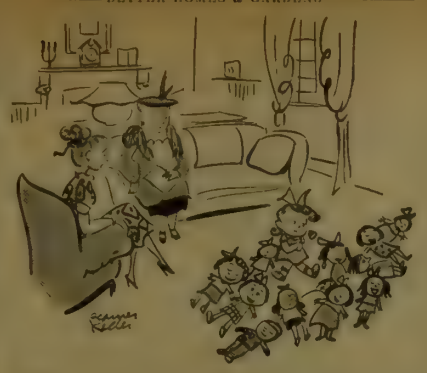
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"We're trying to get her to play with dolls. She only likes to play with little boys."

This month's Five Star home

Continued from page 135

bedroom homes which make up the Five Star Home Plan Service. These homes, designed by America's foremost architects, range in style from Cape Cod to Contemporary, Traditional to Ranch-type. These are homes planned to give you maximum comfort, convenience, and beauty—at minimum building cost. *Better Homes & Gardens* Five Star service includes:

- ★ Designs by skilled architects
- ★ Detailed working drawings
- ★ Cost-finding materials lists
- ★ Complete specifications
- ★ Contractor-owner agreements

Working Drawings are detailed architect's drawings, from which your builder or contractor will build your home. They are complete in every way. Cost is $5 per set. Included with each set of working drawings are: 1) specification form outlining the quality of materials and workmanship you'll want in order to insure sound construction; 2) contractor-owner agreement form—a suggested legal contract to assure your home will be built as specified.

Lists of Materials—priced at 10 cents—are available separately for each Five Star home. With this list, your architect, building materials dealer, or builder can compute in advance the building cost of your home in your community.

These complete home-planning aids may be purchased at firms listed above or ordered direct from *Better Homes & Gardens*, Des Moines 3, Iowa.

When mailing your order, be sure to specify the Five Star home number. Enclose a money order, bank draft, or check, payable to the firm to which you write.

Home Plan Book: If you haven't selected a specific Five Star home plan as the home you want to build, *Better Homes & Gardens* new book, *Five Star Homes*, will help you make a choice. This 76-page book brings you photographs and floor plans of 66 Five Star homes. Price —50 cents. You can buy your copy at firms listed above or order direct from *Better Homes & Gardens*.

What's in the cards for you in 1949?



A HAPPY AND PROSPEROUS YEAR, we hope. But just to make *sure*, let's take a look ahead. Set-backs do happen—might happen to you.

For instance, your house *could* burn or be damaged by windstorm. You *could* have an accident that would cost plenty for medical expenses and loss of income. Someone *could* be injured on your premises, sue you and collect damages that would sweep away your savings. Burglars *could* call on you. Or . . . ?

You can't foresee these troubles. But it's possible to protect against them through insurance—to pay a *little* so as *not* to lose a *lot*. That's what insurance is for!

Let your Hartford agent or insurance broker show you how Hartford service and Hartford policies can be adapted to the needs of your family or business.

Your Hartford agent is easy to reach. In over 5000 communities you can find him quickly by simply calling Western Union by number and asking for "Operator 25."

Do it today and feel secure in 1949.

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Year in and year out you'll do well with the Hartford



COSCO Folding Utility Table

helps with the housework in a hundred ways

Holds a heap of things you want handy in kitchen, laundry, nursery or sewing room—fine, too, for picnics and outdoor parties. All-steel, 29½" high, 21" x 34" top. Chromium-plated legs lock open—fold flat for space-saving storage. Easy-to-clean top finished in tough, baked-on enamel that resists chipping, scratching, staining. Choice of white, red, yellow, blue or green. See it at your favorite store, or write for name of nearest dealer.

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Makers of COSCO Household Stools





Family Size, $9.95

thank you, Detecto ...we've always wanted an aluminum hamper



. . . it's so much more beautiful . . . made of sturdy aluminum which lasts longer . . . so smooth, cleans easy as porcelain . . . snag-proof. It's sanitary, rust-proof, thoroughly ventilated. Decorations are hand-painted on white or lovely pastel backgrounds — lovely for bedroom or bathroom. Thank you, Detecto, for making a superior hamper. $7.95* to $9.95*

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watches your weight, health and beauty . . magnifying lens for easy reading . . . handsome design. Fully guaranteed. You can depend on Detecto's accuracy. In white and pastel colors to match the beautiful Detecto Aluminum Hamper. $6.95*

TWO PERFECT GIFTS—at better stores everywhere

*Slightly higher west of the Mississippi.

DETECTO SCALES, INC. • 540 Park Ave., Brooklyn 5, New York

See also page 42

How to start your dwarf fruit trees

WHEN you decide to plant a fruit tree, much depe upon where you put it. Remember a tree will not be a to change its position. So select sites for your trees wh growing conditions are good. See that there's draina that your trees will not be exposed to gales. Make cert they'll get sun for at least three-fourths of the day. A then start each with the careful planting shown he

Photographs: Suter, Hedrich-Blessing



When your trees arrive, give them immediate attention. Cut cords on bundle, and cover tree roots with soil until you're ready to plant them. Here is a good method known as heeling in



In digging each hole, pile topsoil aside to use about tree roots Use a straightedge to keep the original level, and dig hole wide enough for roots and deep enough to set tree at its former level

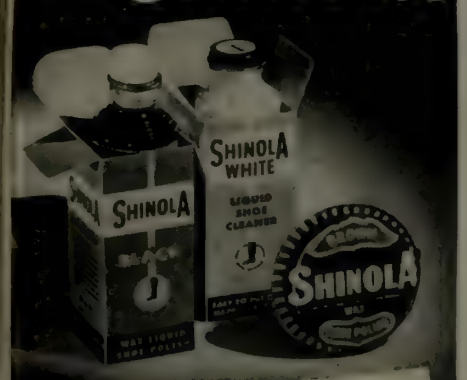
More on next page

Your Shoes are Showing!



Embarrassing, isn't it?

YOU NEED SHINOLA



1 Neat-looking shoes are an important part of good grooming.

2 Shinola's scientific combination of oily waxes helps keep shoes flexible—and new-looking longer.

3 Shinola is easy to apply and economical to buy. You'll find it pays to KEEP 'EM SHINING WITH SHINOLA. In Canada It's 2-in-1.



Turn tree so that a good low branch points to the southwest. This will help prevent winter sunscald. Spread roots like spokes



Cover roots first with topsoil. Mix 2 shovels of leafmold or peat, and a cup of plant food into rest of soil. Water, jostle gently



Keep tree at desired height and finish off with dry soil. Use commercial wrap, paper, or cardboard as protection against pests

More on next page

HOW TO MAKE LOOSE FIXTURES STAY TIGHT



You can tighten loose hinges, clothes hooks, bathroom fixtures, shelf brackets, drawer pulls, casters, door handles, tool handles and other loose parts around the house, garage, barn, etc to STAY tight. Just use Smooth-On No. 1 Iron Cement, famous for repairs over 50 years. Simple to apply, hardens quickly and makes lasting repairs. Buy it in 1¼-oz., 7-oz. or 1-lb. size at your hardware store. If they haven't it, write us.

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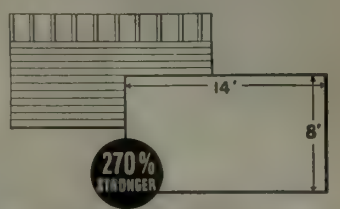
Do it with **SMOOTH-ON**
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● *against* **WEATHER**

Use Homasote Insulating and Building Board for interior or exterior finish and for every sheathing need. It is *permanently weather-proof* — provides lasting protection, great structural strength — your insurance of a dry and quiet home.



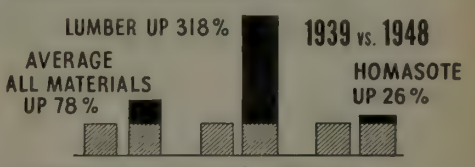
● *against* **EXTRA LABOR COSTS**

When you can sheathe an 8′ by 14′ area with one piece of material, you save many handling operations, many unnecessary nailing operations. Simultaneously you get extra strength. Homasote sheathing is *270% stronger* than conventional horizontal sheathing.



● *against* **CRACKED AND FALLING PLASTER**

Homasote Big Sheets cover the average wall in a single piece, make a perfect base for paint or wall paper. *You are forever free from cracks and falling plaster.*



● *against* **ARTIFICIAL PRICES**

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Weatherproof
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Little sleepy head

tle rascal! He can't resist the drowsy nfort of Pepperell Sheets another nute . . . How *smooth* they are, and ow well they wear! Pepperell buys cted cotton—weaves each inch for ra strength. *All* Pepperells are ury-finished by a special process at removes short, fuzzy fibers. pperell makes *all four* types of sheets uxury or utility muslins, finest all-combed-yarn percales, regular percales. See them in white and "personality colors," at your favorite store!

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PEPPERELL

Sheets and Blankets



Start your dwarf fruit trees

Continued from preceding pa



Fit protector close to ground, form shallow saucer over root are Fill with mulch of straw, chopped hay, ground corncobs, or gra



First pruning decides shape of tree. Use very sharp pruners or knife. Leave only chosen low branch and 4 to 6 other strong ones in upward spiral about trunk. Cut these back half way



Before you leave the newly set tree, untwist wire of name tag Replace with label that cannot cut bark as the branch grow

Bendix Radio presents More "Buy Now" Reasons THAN YOU EVER SAW BEFORE!



LOW "NO MIDDLEMAN" PRICES

•

LONG RANGE "FRONT ROW" PERFORMANCE

•

AVIATION QUALITY

Don't count too long on this low price—This decorator-styled, mahogany AM-FM radio-phonograph has features that have raised prices elsewhere. Great range, big speaker, built-in AM and FM antennas. All-front-control record changer, crystal tone reproducer, record storage. **$169.95***

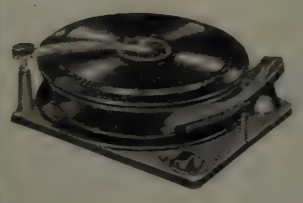
With dual speed LP record changer $179.95*



You've seen radio bargains before—but none like these completely new, AM-FM radio-phonographs. No scrimping, here, on quality or features to meet a price. Instead, **a generous extra measure** of all you value most. A single-arm dual-speed record changer playing standard and long-playing microgroove records automatically on most models. Long-range AM-FM radio to bring in programs you're missing. Heirloom-quality cabinets. True-life, "Front Row" performance. Yet **present prices are well below comparable sets** because no middleman stands between Bendix Radio and its dealers. Wholesaling costs are cut and **you get the savings.** See your newspaper for the select dealers offering these "limited editions"—built by the foremost source of aviation radio and radar—at these amazing "buy now" prices.

Give the middleman a "miss" and save money! This beauty in blond mahogany has long-range AM-FM radio and the dual-speed LP record changer shown below. **$189.95***





Plays for hours with one loading. This dual-speed automatic record changer plays both standard and long-playing microgroove records from a single featherweight arm. Gentle slide delivery saves records.

If you prefer period styling, here's 18th Century beauty at a bargain. Long-range AM and FM radio, built-in antennas. Dual-speed LP record changer. A true luxury instrument for only **$189.95***

*All prices slightly higher in the West.

BENDIX RADIO — REG. U.S. PAT. OFF.

BENDIX RADIO DIVISION of Bendix Aviation Corporation
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E'S THAT *Bigger* MIRRO-MATIC YOU'VE BEEN WANTING!

The Wonderful, New 8-quart

MIRRO-MATIC "8"

PRESSURE PAN AND CANNER



PRESSURE COOKS
8 lb. Pot Roast, Ham, or Fowl...*in* MINUTES!
PRESSURE CANS
4 Quart-jars or 7 Pint-jars at a Time!

How often have you said to yourself, "I *do* wish I could have a bigger MIRRO-MATIC?" Thousands of you have said it to *us,* through salespeople, and by mail.

The new MIRRO-MATIC "8" is our answer, to cook BIG full-family meals quick as a wink . . . to do your canning easily and efficiently, whether you prefer quart-jars, pint-jars, or cans.

Aside from its welcome, country-kitchen size, and a sturdy handgrip on the side for easier handling, this new MIRRO-MATIC "8" is just like the familiar 4-quart MIRRO-MATIC "4." Both have the simple, selective control that you can *hear*. This exclusive MIRRO-MATIC Control gives you "Cooking without looking," since it automatically prevents pressure from going higher than your recipe requires . . . 5, 10, or 15 lbs.

Both have roomy, domed covers that let you use their *full* capacities. Both open and close with utmost ease, simply by sliding handles apart or together. Both have ALL of the easy-to-use features you expect with the name, "MIRRO-MATIC."

See the new MIRRO-MATIC "8" *soon*. You'll find it the ideal *all-around* pressure pan and canner . . . a perfect companion to your MIRRO-MATIC "4," to do the *big* jobs, better.

Get **MIRRO-MATIC** at department, housefurnishing, and hardware stores, wherever dealers sell the finest aluminum. The new "**8**" with rack and recipe book, **$17.95** (West, $18.95): The familiar "**4**" with rack and recipe book, **$12.95** (West, $13.95).

MIRRO
HE FINEST ALUMINUM

WESTINGHOUSE, FRIGIDAIRE, NORGE, GIBSON, ESTATE and COOLERATOR RANGES now feature MIRRO-MATIC Deep-Well Pressure Cookers.

ALUMINUM GOODS MANUFACTURING COMPANY • MANITOWOC, WIS.
World's Largest Manufacturer of Aluminum Cooking Utensils

Recipes for meat pies

See the color photograph of meat pies, page 60

Tuna Pie

- 1¼ cups diced potatoes
- ¼ cup diced celery
- 1 tablespoon chopped onion
- ¾ cup frozen or canned peas
- 1 pimiento, cut in strips
- 1 7-ounce can (1 cup) flaked tuna
- ¾ teaspoon salt
- ⅛ teaspoon pepper
- ½ cup vegetable liquor
- 1 tablespoon enriched flour

Cook potatoes, celery, and onion in small amount of salted water until tender. Drain. Reserve ½ cup liquor. Combine vegetables and tuna. Pour into greased 1-quart casserole. Add seasonings. Gradually add vegetable liquor to flour; blend. Pour over tuna and vegetables. Arrange Pin-wheel Cheese Biscuits on top. Bake in hot oven (400°) 20 minutes. Serves 4 to 5. **Pin-wheel Cheese Biscuits:** Sift 1 cup enriched flour with ¼ teaspoon salt and 2 teaspoons baking powder; cut in 1½ to 2 tablespoons shortening. Add ⅓ cup milk; mix just until flour is moistened. Turn onto lightly floured surface; knead ½ minute. Roll ¼ inch thick. Sprinkle with ¼ cup grated American cheese. Roll as for jelly roll. Cut ½-inch slices.

Shepherd's Pie

- 1 pound veal breast or shoulder, cut in 1½-inch pieces
- Salt and pepper
- 2 tablespoons fat
- ½ cup sliced onion
- 1 cup cooked carrots, cut in 1-inch sticks
- 1 cup green beans
- 2 to 3 cups moist mashed potatoes

Flour meat and season; brown on all sides in hot fat. Add 2 to 3 cups water. Simmer until tender, about 1 to 1½ hours. Add vegetables—transfer to casserole. Top with border of mashed potatoes. Brush with 1 egg yolk mixed with 1 tablespoon cream. Brown in moderate oven (375°) 30 minutes.

Roast Beef Pie

- ½ cup minced onion
- ½ cup minced celery
- 2 tablespoons fat
- 2 tablespoons enriched flour
- 2 cups cubed leftover beef or pork
- 1 cup diced cooked potatoes
- 1 cup sliced cooked carrots
- 2 tablespoons chopped parsley
- 1 tablespoon Worcestershire sauce
- 1 3-ounce can (¾ cup) browned mushrooms and broth
- 1 teaspoon salt
- ⅛ teaspoon pepper
- 1 cup leftover gravy

Cook onion and celery in hot fat until golden. Stir in flour. Add remaining ingredients. Simmer 10 minutes. Pour mixture into well-greased, individual baking dishes. Cover with **Plain Pastry:** Sift 1 cup enriched flour and ½ teaspoon salt; cut in ⅓ cup shortening until pieces are size of small peas. Slowly add 2 to 3 tablespoons cold water, tossing with fork until mixture v just hold together. Adjust crust pies; flute edges. Cut X in each p Fold back corners made by cu photograph, page 60. Top w pimiento strips. Brush crust w slightly beaten egg white. Bake hot oven (425°) 25 minutes.

Chicken Pie

- ½ cup chopped celery
- ½ cup tiny, whole onions
- 2 cups chicken stock
- ¼ cup enriched flour
- ½ cup sliced, canned mush rooms
- 3 cups chopped chicken
- 1 tablespoon lemon juice
- 3 tablespoons chopped parsley

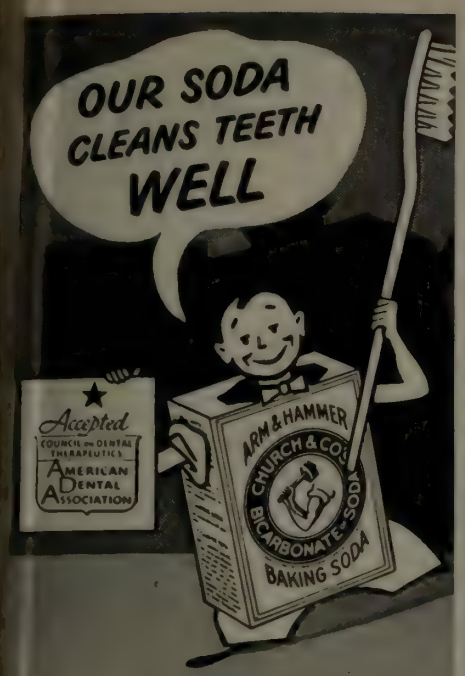
Cook celery and onions in sm amount of boiling, salted wat drain. Heat 1½ cups of the stock boiling. Blend flour with remaini ½ cup stock; stir into hot sto Cook until thick and smooth, st ring constantly. Add remaini ingredients. Season to taste. Po into 1½-quart casserole. Top wi rich pastry. Trim pastry ½ in beyond the edge of baker. Fo edge under. See photograph pa 61. Tuck in china pie bird. Bru pastry with egg. Bake in hot ov (450°) 20 minutes. Make leaf cu outs from scraps of pastry—ba on cooky sheet.

Hot Tamale Pie

- 1 large onion, chopped
- 1½ pounds ground beef
- 1 10½- or 11-ounce can condensed tomato soup
- 1 teaspoon salt
- ½ teaspoon pepper
- 3 tablespoons chili powder
- ¾ cup chopped ripe olives
- ¾ cup fresh or canned corn

Brown onion and meat in h fat; add remaining ingredient Pour into greased casserole; cover Bake in moderate oven (325°) 1 hours. Spread Corn-Bread Top ping in strips on meat mixture— see photograph, on page 61. Bak uncovered in hot oven (425°) 2 minutes. Serves 8. **Corn-Brea Topping:** Sift 1/2 cup enriche flour, 1 teaspoon salt, 1 teaspoo baking powder, and 1/2 teaspoo soda; add 3/4 cup corn meal an mix well. Add 1/2 cup buttermil and 1 beaten egg, then 2 table spoons salad oil; mix.

Have you been remodeling your kitchen or building a new one? We'd like to see some snapshots of it. Maybe we can publish it in *Better Homes & Gardens*. If so, you'll receive $25 and see your kitchen in a forthcoming issue. Write to Better Kitchens, Foods and Equipment Department, *Better Homes & Gardens*, Meredith Publishing Company, Des Moines 3, Iowa.



Your dentist knows that our Baking Soda cleans teeth safely, It is bicarbonate of, soda U.S.P., accepted for use as a dentifrice.

ARM & HAMMER
OR COW BRAND
BAKING SODA
BOTH PURE BICARBONATE OF SODA



Cooking for a man?

Try this on steak for goodness sake!

Men Like A.1. Because This Hearty Sauce Magnifies the Flavor of Everything You Serve.

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FREE booklet—"Cooking for a Man"—Send to G. F. Heublein & Bro., Inc., Dept. B, Hartford, Conn.

THE DASH THAT MAKES THE DISH



A.1 sauce

at your service

THIS column is devoted each month to answering your questions about the homemaking problems which at some time face every family. The responses below are taken direct from the pages of *Better Homes & Gardens* books.



Q *Does pregnancy really cause teeth to decay? I am expecting a baby and wonder if it is necessary to have a lot of dental work done.*

A There does seem to be a tendency toward decay in the teeth of pregnant women, and you should be under the watchful eye of your dentist as well as of your doctor. It won't injure your baby in any way for the dentist to work on your teeth, and it's wise to arrest any decay that shows itself. (Taken from the *Better Homes & Gardens Baby Book*.)



Q *I am considering radiant heating for my new home. How does it compare in cost to other heating systems?*

A Radiant heating costs somewhat more than standard systems, but savings in operating costs may run as high as one-third. The system calls for expert design by experienced engineers; it's expensive to correct errors after the pipes are once buried in the building. (Taken from *Better Homes & Gardens* new *Home Building Ideas* book.)

The books from which these answers are taken are published by *Better Homes & Gardens*. They are an extension of the editorial service *Better Homes & Gardens* offers its readers.

You can buy them at newsstands, infants' wear, book, and department stores everywhere. Or send your order direct to *Better Homes & Gardens*, 5602 Meredith Bldg., Des Moines 3, Iowa.

Better Homes & Gardens Baby Book.....$2.75
(In Canada, $3.)
Better Homes & Gardens Home Building Ideas Book.....$1
(In Canada, $1.25)



Both packed in the same can—
. . . the sauce in a separate flavor-tight sack

You'll be amazed at the old-fashioned fresh-cooked goodness of all-meat wieners packed this new way. Both flavors remain separate, fresh, delicious as home-cooked! The secret—a flavor-tight sack enclosing the tasty sauce. Ask for this new treat—OSCAR MAYER WIENERS with *mild* BARBECUE SAUCE.

FINE MEATS
Oscar Mayer
SINCE 1883

OSCAR MAYER & CO., *General Offices*, Chicago, Illinois

The Wise Wife Buys Waxtex !



Easy-to-Use FOOD SAVER !

The wise wife protects the flavor and freshness of *all* foods by wrapping them in Waxtex. It's waxed through and on both sides to protect against air, drying out, odors.

- Heavy Waxed Paper
- Strong, Pliable
- More Transparent
- Better Dispenser Box
- 125-Foot Roll







Enjoy the *difference*

Gardner Radiator Enclosures make–

in increased beauty, comfort, and healthful humidity for your home

You'll feel like Mrs. Alladin when you discover the magic of Gardner enclosures that make rooms bloom with new charm and beauty. But attractive appearance is only a small part of the positive values these lifetime covers provide. Soundly engineered for efficiency, they make rooms more comfortable while they check radiator "smudge," adding years to the life of your decorating investment. A non-mechanical, trouble-free humidity booster helps keep dry air more healthful, aids in protecting your family against winter coughs and colds. Gardner enclosures in any color to match your rooms will pay for themselves time and again — as they have for thousands of installation owners everywhere. Send 10c, cash or stamps, for a factual, colorful booklet by America's leading manufacturer.



Some desirable territory still open for distributors.

Gardner Mfg. Co. 3249 Kansas Street Horicon, Wisconsin

We enclose space

Begins on page 44

traditions in which I was still steeped.

Statements like "pictures on the wall are another and particularly irritating way of cluttering up interiors" made me grind my teeth. How could I live without *The Chariot Race* and *Blind Milton Dictating Paradise Lost to His Daughters?*

Even the headings upset me. "Why Have Closets?" To put things in, of course. "Elimination of Furniture." Though fond of rice, I am no Chinese and won't sit on the floor.

The pictures were also confusing. There would be a picture of what I considered an ideal kitchen. Cat, rocking chair, geraniums in cans on the window sill and a center table big enough for the washbasket, the breadboard, and a few good books to browse through while the potatoes were boiling. Under this would be printed in 9 point Gothic type, "NO."

ON THE opposite page would be a picture of something that looked like a cross between a hospital laboratory and an operating room. White, shiny, impersonal, it could only be manned by someone who would test the potatoes with a stethoscope, probe the roast with a thermometer, and wear a mask while baking a cake. This was a big "YES," needless to say.

I would look sternly at the old-fashioned, homey kitchen where I could almost smell the mincemeat cooking and say sternly "No, no, no!" But it was some time before my tone carried conviction.

WHEN we felt that we had been sufficiently indoctrinated with the idea that "a house is a machine for living" so we could be trusted not to come up incontinently with a Cape Cod cottage, my husband and I worked out a ground plan. It did everything the books said about bringing the outdoors into the house, and we were very proud of it. The trouble was we brought more outdoors into the house than there was to bring. The thing we had designed wouldn't fit on the lot.

"I have always wanted to sail into Rio Harbor at night," I said to my husband. "Why don't we just take a trip, and by the time we get

[*Turn to page 154*



Because this is the ocean side whence the rains come, we are particularly generous with the tar paper. And a good thing it is, too, as some of those lovely, lovely knots we so admired in the 1x12 redwood have fallen out. I'm thinking of cutting out rounds of redwood and gluing them into the knotholes. The window you don't see is made of louvers



When we started, there were 9,000 bricks in this pile. "Who's going to clean them bricks?" demanded the $40-a-day mason and helper as they walked briskly away. After the first 8,000 I got accustomed to having no skin on my knuckles. When I'm asked why I carry them in my hands, I explain that I'm too tired to put them in the wheelbarrow



This is the fourth time I've built this particular piece of wall. Once a truck backed into it; once my husband was watering, and the pressure got away from him and he blew it to hither and gone. The third time, they lowered the grade of the road two feet. There was nothing to do but sledge the wall down from its lofty eminence and start over again

now screening that will NEVER RUST!

at an amazing low price!



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AMAZINGLY STRONGER

CAN'T STAIN THE HOUSE

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It's true. You can now get rustproof screening and save money, too! LUMITE, the new miracle plastic, actually costs only 11½-12¢ per square foot—much less than any other quality screening.

And LUMITE lasts longer because it never rusts or corrodes—never stains paint under windows—never needs painting to prevent rust in any climate, anywhere.

If you like, you can easily frame it yourself. See simple instructions below.

Order LUMITE from your hardware, lumber or building supply dealer. Write for free sample to Dept. B-H 1, LUMITE DIVISION, Chicopee Manufacturing Corp., 47 Worth Street, New York 13, N. Y.

FACTS FOR ARCHITECTS AND BUILDERS

Effects of Acids, Alkalies and Solvents — Essentially none.

Non-inflammable—Will not support flame. Melts at 340° F.

Tensile Strength, Ultimate (of filament)—Up to 50,000 lbs. per square inch.

Impact Strength—Greater than conventional screening.

Installation—Cut with ordinary scissors. Fold cut edges under one-half inch. Tack every 1½ inches through two thicknesses.

Being elastic, LUMITE will automatically draw itself into a snug firm fit.

INSIST ON RUSTPROOF SCREENING

Guaranteed by Good Housekeeping

LUMITE®

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NEW COMFORT
for HOME or CAMP



THIS
Fireplace
actually circulates heat!

Build a Heatilator* Fireplace in your new home or camp—choose any mantel style you like—and enjoy the comfort of this amazing fireplace that warms every corner of the room, uniformly and thoroughly.

The Heatilator Fireplace works on the warm-air furnace principle. It actually circulates heat—draws cool air from the floor level, heats it, and returns it to far corners, even into adjoining rooms. Gives you comfort and economy that no old-fashioned fireplace can give you.

You can use your Heatilator Fireplace to heat the entire house on cool spring and fall days, saving the waste and bother of furnace fires. It supplements furnace heat during extreme weather, and serves as an auxiliary heater in times of fuel shortages or furnace repair. In mild climates, it's the only heating equipment needed in many homes.

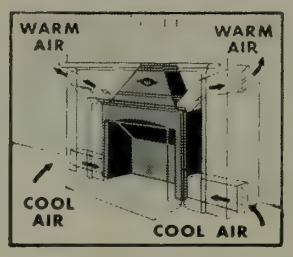
Will Not Smoke

The Heatilator Fireplace unit is a scientifically designed form around which the fireplace masonry is easily built. It assures correct construction, eliminates common faults that cause smoking. **Substantial savings in labor and materials make the finished fireplace cost little, if any, more than you would pay for an old-fashioned fireplace.**

For complete and lasting satisfaction insist on this unit that has been proved for 21 years in homes and camps all over America. The Heatilator name on the dome and the damper handle is your protection—refuse substitutes. Sold by leading building material dealers. Mail the coupon today for complete information.

Heatilator Fireplace

*Heatilator is the registered trade mark of Heatilator, Inc.



Cool air from floor level is heated in the double-walled chamber around the fire—then circulated to far corners of the room.

Basement Rooms



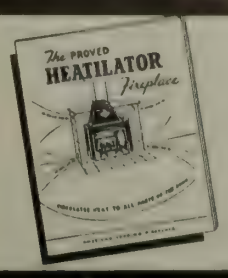
The Heatilator Fireplace solves the difficult problem of heating basement rooms. Its circulated heat warms the entire room quickly and thoroughly.

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The Heatilator Fireplace makes camps and summer homes usable weeks longer every year. Provides real comfort even for winter weekends.

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We enclose space

Continued from preceding page

back maybe the housing shortage will have given way to bacteriological warfare?"

But he said he had wasted a lot of time boning up on Modern and he was going to live functionally if it killed him.

So I got some more books, and we saw at once where we had gone off the track. We had been stupidly trying to "build" a Modern when all the time we should have been "enclosing space."

To enclose space, you take a ball of string and some little iron spikes you buy at War Surplus and whip up to your site. Then you stroll around dreamily saying, "This is where I want to sit. This is where I want to eat. This is where I want to sleep." If you have had sense enough to drag the string along after you as you strolled and to drive in stakes from time to time, you now have a rough plan of your house. "Tailored to the lot," as the book phrased it.

At first, my husband said he wouldn't do it, it was too asinine. But when he got up to the lot, he got in the spirit of the thing.

As soon as we had enclosed space enough for our simple wants, we measured the results and took the figures to an architect who agreed to translate them into something which would pass the Department of Building and Safety for the modest sum of $5 an hour. It took him only 130 hours, which seemed surprisingly speedy to me considering the state the enclosed space was in when we gave it to him.

It wasn't until we started to do the actual enclosing that our troubles began.

When I said earlier that we planned to build the house with our bare hands, I was speaking figuratively. To build a Modern house you would naturally make use of the latest postwar world technological appliances and devices. Power saws, planing tables, spray painters were only a few of the up-to-date gadgets by which we planned to make the work easy and the heart light.

That was before we found out that the lighting company was allergic to running temporary lines.

I think we have made pretty fair progress considering we have been working with tools and methods devised and perfected by Paleolithic man.

My husband finds it difficult to accept the situation.

"I feel like a moronic Indian," he said, today, "trying to rip a 2x10 by hand."

But I tell him if we ever run out of money, I can always whip up a little brochure on "New and Dramatic Ways to Use an Adze."

Despite our increasing prowess with Late Stone Age tools, we have had to call in some outside help: We had the main floor slab poured, we had a carpenter for seven weeks, a mason for a week, and a plumber for six days. We planned on doing the rough plumbing ourselves, but the cesspool is at the extreme end of the lot and we had to run soil pipe 125 feet. The drop



This simple barbecue is cheap and easy to construct. It calls for 12 broken bricks, two tag ends of steel left over from an old swimming pool, and that half stove grate you've been saving because there is lots of good left in it yet. This is not only the simple life, it's practically the life primeval. Bacon and eggs taste like nectar, except when the low-hanging clouds drag on the ground. Then smoke gets in your eyes



Sheppy is at it again! He thinks he has a bone hidden in the plant box sunk in the living-room floor slab. We keep him to head the deer off our bougainvillea. If we had any sense, we'd teach him to herd the deer in

was so slight from the bathrooms that the Goldberg contraptions we rigged up did not find favor with the inspector, and we had to hire a plumber to outwit regulations.

In a moment of enthusiasm I personally poured the utility-room floor to surprise my husband, who was away from the lot for a few hours. He was surprised, but not pleased. "Where is the cleanout from the bathroom next door?" he asked plaintively. Well, it is there; but if the inspector wants to see it again I shall have to tell him it may take me a few minutes to get to it.

One thing the inspector can't question is the water pressure. We get our water from wells far up in the hills above us. Everyone said we should put in a pressure reducer, but I am allergic to a thin trickle of water. When I turn on a faucet, I like to get results. And we do! When you flush the toilet, it sounds as if Niagara Falls had got loose. As the terrific whooshing



Here is our living room, with the dining room at the left. A 5-foot wall with a planting box (off the picture at left) separates the rooms. Because you can look right through the plate-glass windows, it seemed to us at times that we were building a bathhouse. The house is 113 feet—a lot of space to enclose—and that is why it took so much pipe, conduit, board, and batten. Everything had to go there and back

STOPS RUST ...before it Starts!

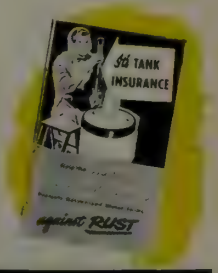


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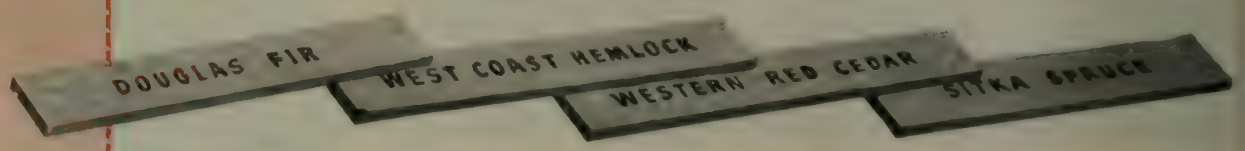
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IT'S SMART TO BUILD WITH THESE

WEST COAST WOODS

e enclose space

Continued from page 155

s down, the toilet gives three g dismal cries like a dying coy-. Sheppy, our dog, begins to k thinking we have been sur-nded. Then, you have to take the cover of the tank and pry ball up—it can't buck 170 unds! Putting in the reducer in-lves taking up the brick walkway ich I have laid with loving care, keep postponing it. It's been ken up once because conduit n't make a right angle turn and d to go under it. It's not that I ind laying bricks but I hate lay-g them over again.

We didn't have to keep books on e project—I *know* how deeply ngled that ball of string got us. he lot, three acres of goat land ith a flat place for a house, cost s $1,500. We bulldozed the road , graded the lot, and spent about 400 on planting the bank above e pool with Mermaid roses, ougainvillea, and some fruit ees which everybody said would ot live and they didn't. The pool ost us $1,400. Now, we have spent all, including lot, pool, road, rading, architect, and ball of tring we laid the house out with, 14,672. It could be finished with atios planted for $2,500 more, at most—probably less. But by doing our own work, we have saved a minimum of $5,000 on the house, and at least $1,500 on the pool.

We also saved on the doors. They are of Mexican mahogany which I took to the mill and had tongued and grooved. We then glued them, put them in a homemade press, screwed the battens on and that was that. They cost us about $12 apiece. Shellacked and varnished with a clear flat varnish, they withstand the weather very well.

WE SHOPPED for materials and found a terrific difference in cost at various places. We either hitched a trailer on our car or got a drive-it-yourself stake body truck and trucked the stuff in. Incidentally, we found that secondhand brick is the hardest thing to get and costs more than new brick.

I saw an ad in the Sunday paper (which comes out Saturday in Los Angeles) for secondhand brick at $6 a thousand, "Come and get it." So Sunday we sprang up at dawn and enlisted the services of an accomplice, hooked on a trailer and whizzed down to L. A. It was there, all right, in the cellar:

[*Turn to next page*

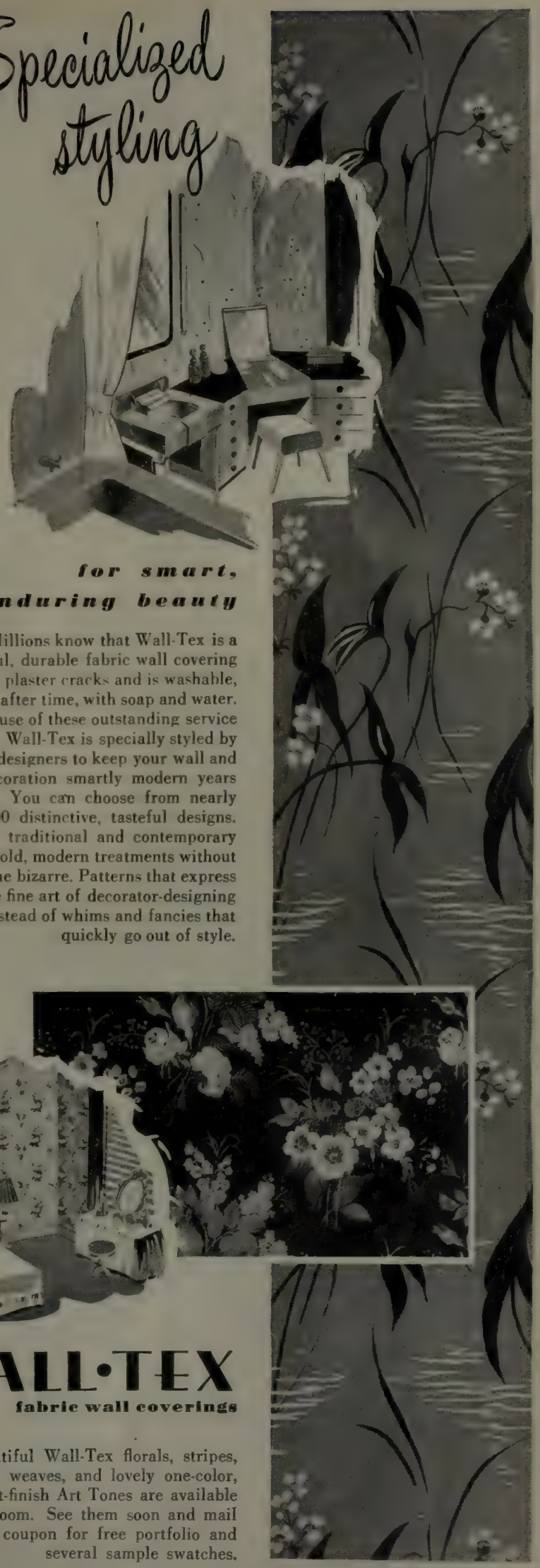


While the house proper has only 1,230 square feet of space, the roof has 3,600. Its aluminum cover reflects both heat and the ocean when the sun is at certain angles. Sometimes it's silver, sometimes dark blue



Nature note: That hole in the roof at the left (between the pool and the living room) was made for the tree to grow through. But the tree is too smart. It knows it is easier to go around something than to go through it

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We enclose space

Continued from preceding page

foundations and chimney of an old house that had been demolished. My husband got down in the pit and pried the bricks loose with a crowbar, I tossed them up to our friend, and he stowed them in the trailer. By the time we got 550 in the trailer, the car was right on its haunches. We unloaded them at 1 p.m. on our lot and I said, "Let's get the stake body and really get a load." So back we went and by the time it was dusk we had 1,800 which we cast out of the truck in a dense fog at 9 p.m. When I went to step up the steps of the house we were then renting, my foot didn't move at all, and I had to be boosted in! Next day I said airily, "Who is going to help me clean these bricks?"

"Nobody!" said my husband, firmly. "They're all yours."

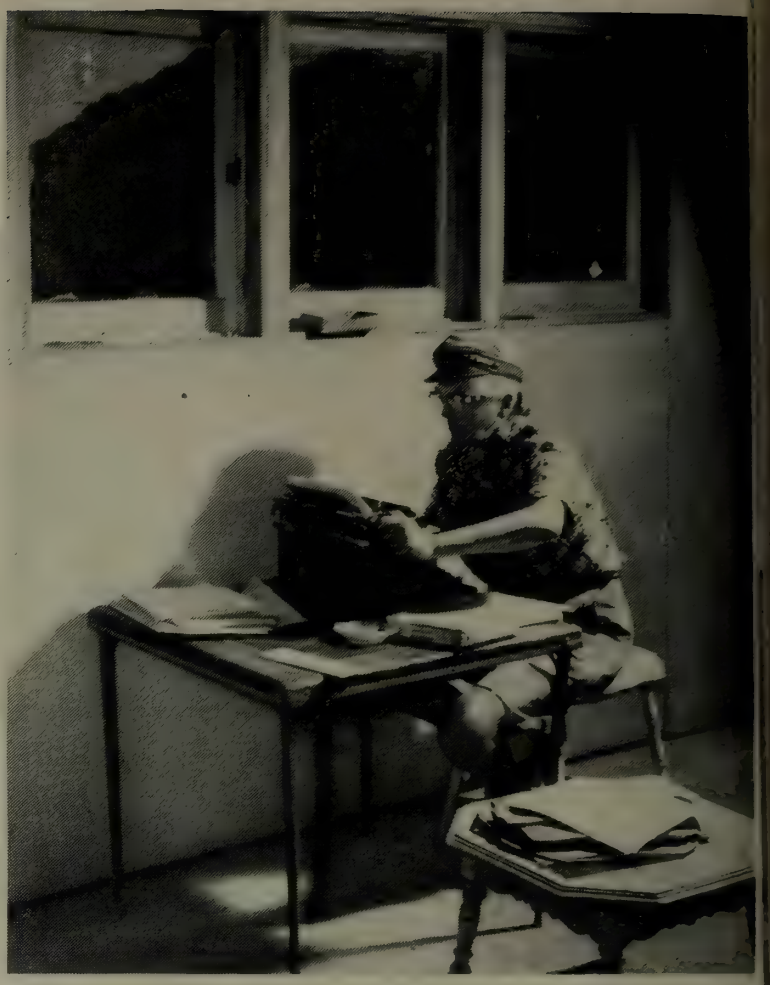
I FIGURE the bricks cost us $32 a thousand, counting the $1 an hour we paid our friend.

What surprises us is that as the house shapes up, we are really beginning to love the thing.

One or two angles have been a little disappointing. Sheppy is under the impression he has buried a bone in the plant box sunk in he concrete slab in the living room. And you wouldn't think gulls could tramp, but our aluminum roof is just a challenge to them.

OUR doubting friends are now betting even money that we can finish it. We've conquered the soffit in the overhang and don't think that wasn't something. We've won the good fight over the furred down ceiling in the writing room. Now, if we can only figure out how to construct the *furred down soffit* with flush lights that goes over the 5-foot brick wall with the plant box in it that separates the living room from the dining room. . . .

But we'll solve it. After all, anybody can build a house. It takes time to bring outdoors indoors. Tricky thing, enclosing space.



Windows of the writing room are planned so they can't be looked through. Ultimately, the wall will be lined with books which can be read by lamplight. A writer will do anything to escape writing



Our result so far—after more than a year of work. We treated the fence to get that gray, silvery look. The trouble with most new houses, especially Modern, is that they look so appallingly new. This looks lived in and it has been lived in! By us while building. We take time out occasionally to look at the view. It's then you realize that your dynamic Modern is worth all it has cost in money, muscle, and the two quarts you drew from the blood bank

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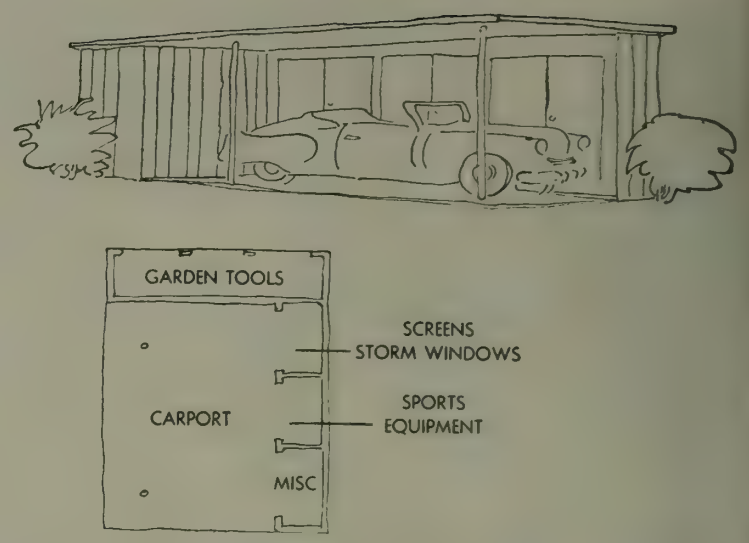
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Your garag



Planned storage space leaves yard and house space uncluttered.

built-in garage without any doors or any enclosing walls.

There are three advantages to this kind of car shelter. (a) It is cheaper than a garage; (b) it doesn't shut off light or air; and, (c) it can't become a catchall. But now you're faced with another question.

2. How much attention should we pay to weather?

If your winters are snowy and blowy, the answer is a lot. Maybe you know the direction of winter winds where you're going to build. If not, go over the site with a future neighbor. Ask where the bad storms come from and how deep the snowdrifts are.

The northwest corner is likely to be bad because of drifting. Eastern and southern exposures are usually better. They may even be protected enough to eliminate snow as an objection to a carport. But you may still have to contend with cold. If your car sits in a parking lot all day, keeping it out all night won't harm it any more. But the more protection you give your car, the better it will run in cold weather. But weather, too, is only one consideration. Before deciding on a type of car shelter, ask your family:

3. What do we want to store besides the car?

If your children are grown and you aren't interested in outdoor activities, perhaps your answer can be, "Nothing." Otherwise, you'd better ask yourself where you're going to stow your lawn mower, your hose, wheelbarrow, and other garden equipment; screens and storm windows; bicycles, fishing poles, sports equipment; paint cans and scraps of lumber; lawn and porch furniture.

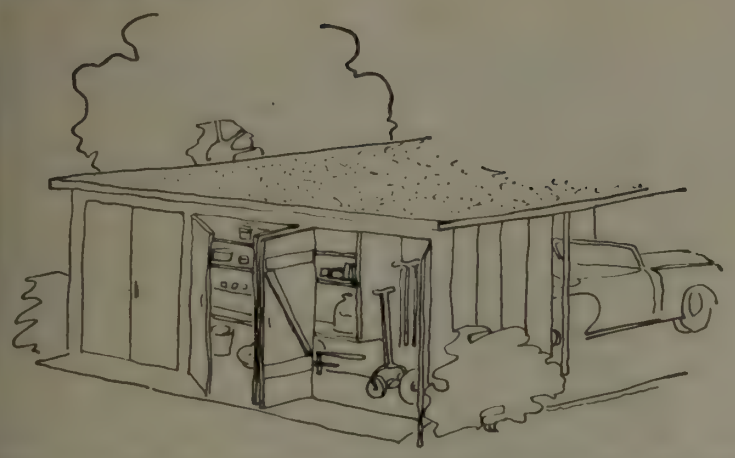
Maybe you can afford plenty of storage space in the house itself. But chances are that someday you'll want space in the garage to put things because that's the most convenient place for them.

Here's an example. The shelves in the children's room are overflowing with toys. The built-in cabinets in the living room are bursting with magazines. What are you going to do? Maybe you will have the strength to tote them to basement or attic (if you have a basement or attic), or the will power to give them away. But most of the 20 people I talked to either pack them into the garage along with everything else, or wish their garage were big enough so they could.

Your garage doesn't have to be cluttered, but it probably is. One of my friends never fails to stumble over a shovel that has fallen to the floor. And another arrived home the other evening to find his garage taken over by a litter of cocker spaniels. This, of course, was an act of God, but if you didn't have a garage, where would you put the rascals?

A really working garage may have shelves for magazines,

Begins on page 58



Doors to convenient storage space for garden tools open onto yard

newspapers, and paint cans; cabinets for toys; drawers for hand tools; benches for flowerpots and flats; wall clamps for shovels and rakes; recesses for wheelbarrows, and overhead racks for lumber.

With a carport, on the other hand, you won't have much chance to be untidy. That's, in itself, a good argument for a carport. But, of course, you can have storage and work arrangements in a garage (like those you have in a kitchen) that will make you want to be neat.

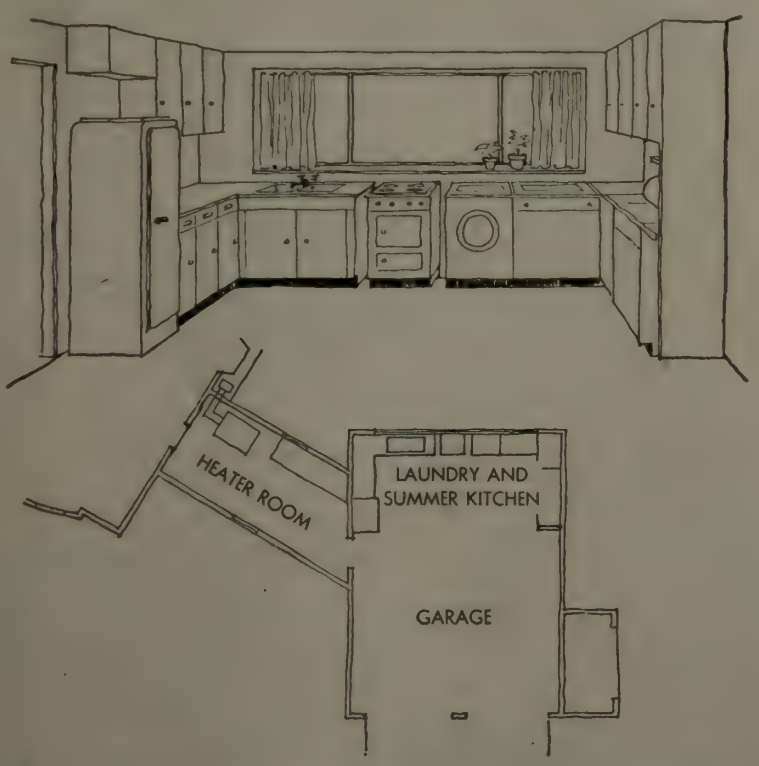
But there's still another question to consider before making up your mind:

4. What else can we use the car shelter for?

If you build a carport, it can double as a covered porch and play space. That's about all, but maybe that's all you need. If it's a garage, possibilities are limited only by your needs and budget.

Lots of people use their garage as a laundry. Your wife probably carries more weight around when she's washing clothes than at any other household task. When your washing machine is in the basement, as it usually is if you have a small kitchen, her burden is increased. Would you rather climb stairs with a wet wash, or walk a few level steps from the garage? Allow enough space, though, so you don't step into the sink when you get out of the car.

Your garage can compensate for what is often a small house's biggest disadvantage—lack of space for hobbies and recreation. In a roomy garage you can [*Turn to next page*



To keep house cool in summer, provide canning space in garage



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Your garage

have a woodworking corner, a darkroom, a place for table tennis. If your house will be two stories high, perhaps you can have a small second floor over the garage for a playroom, clubroom, or extra bedroom. Or you can have a flat roof and use it as a sun deck.

Like a carport, a garage can also be a porch. If you have a pleasant view on one side, build that side with removable panels that you can replace with screens in summer. Or do the same with both sides, or a side and end, and let the breeze sweep through.

Don't think of the garage only as a place to keep a car. Think of it as a vital part of the house. You may have to squeeze some because of building costs. If the basement, game room, and porch have to go, a well-planned garage will make these losses easier to take.

That leads to another question, which you can skip if you've settled on a carport:

5. Where do we want garage in relation to house?

All the uses of a garage make it advisable to have it near the house, preferably attached. But make sure it isn't going to cut out too much light, too much air, too much view.

An attached garage saves you money because you can bring wiring and heating in directly from the house. It also saves you building at least one wall.

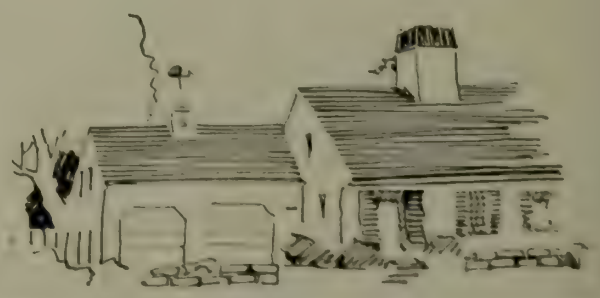
Check your local building code before you decide definitely. Attached garages ordinarily don't add to fire-insurance rates, but some old building codes require elaborate fireproofing. A common solution is a breezeway, which you may want anyway. It satisfies the fire laws, and gives you a service or living porch besides.

Maybe you'd rather tuck your garage in one corner of the lot—a good place if your family is going to use it as a garden workhouse, with benches for planting and potting, and storage for bulbs, fertilizer, and outdoor game equipment. Unless you're on an alley or corner lot, though, a rear location ignores a cardinal point in garage planning—ease of access.

Now for the final question, in some ways the most important of all:

6. What's the best place for entrance and drive?

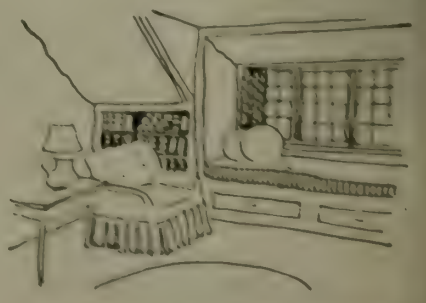
The entrance should be at the front, unless you have plenty of space to work with. The chief objection—the unsightly appearance from the street of an open garage door—can be solved by keeping the doors closed.



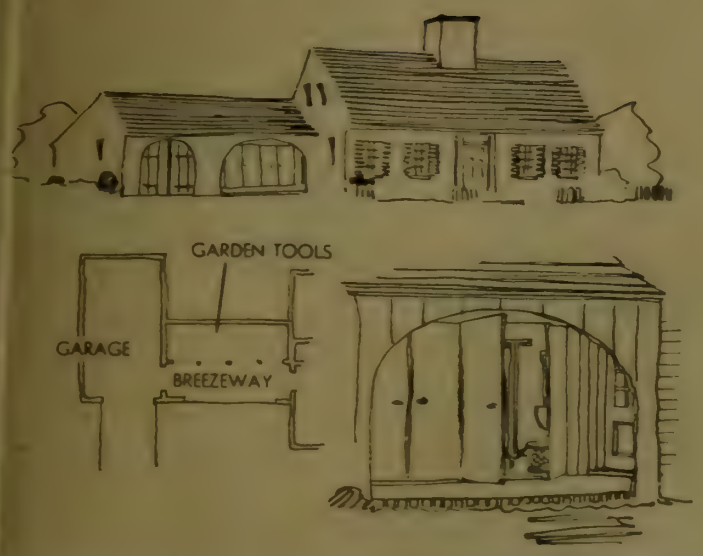
Attached garage can give you an extra bedroom above



Over two-car garage, have a secluded 12 by 17 study



...tinued from page 161



Keep tools and toys in breezeway between house and garage

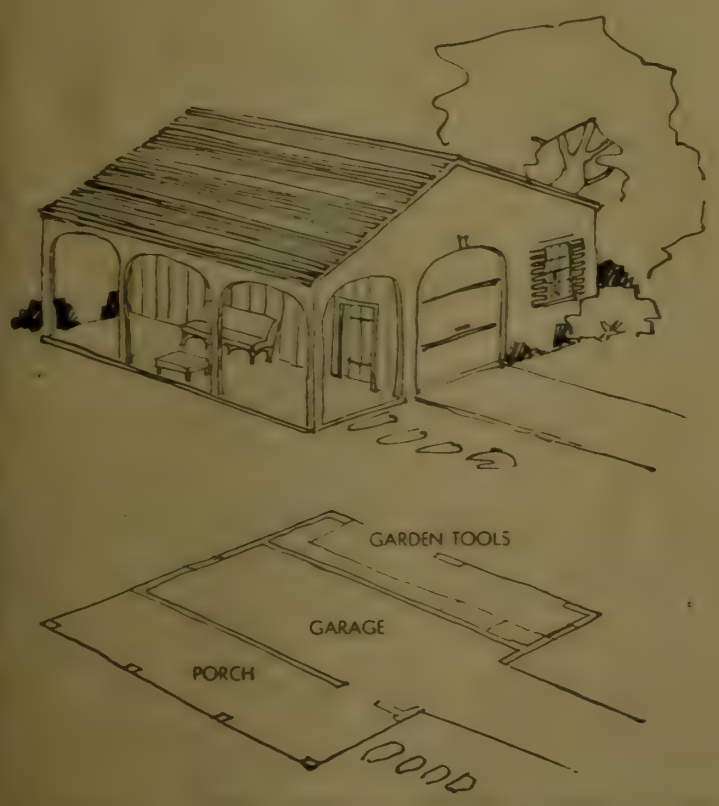
A side or rear entrance may improve the looks of your house, but the driveway will eat into lawn, garden, and play space. But maybe you're like a guy I know who has only two faults to find with his place: too much grass to cut, and not enough turn-around room at the end of his driveway. He corrected both by adding concrete.

Here are some other entrance considerations:

The approach. A 15-percent grade gives even an expert driver trouble. And the combination of a curve and a grade can become a perpetual exasperation. Even a slight curve can be annoying at night or in snowy weather. Then it invites you to slip over the edge of the drive and squash ruts in your lawn.

How about guests and tradesmen? An ideal solution is to place the drive so it's near both front and kitchen doors. In one of the country's best-planned communities, Radburn, New Jersey, garages are just off the kitchen door, with a "motor entrance" a few feet up along the side of the house.

Safety. Despite its prevalence, the back-out drive is dangerous. The simplest solution is the drive-through garage, but it's practical only on a large lot. The best driveway has turn-around space, which cuts into your garden area, but lets you face the street. [*Turn to next page*

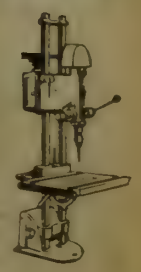


Good planning provides storage for car and tools, a cool porch



1 ***SHOPSMITH*** **as an 8" Circular Saw.** Depth of cut 2¼". Table 14½" x 17"—with extension 54" x 17". Up to 46" between blade and fence. Tilting table

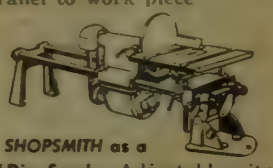
5 BIG-CAPACITY POWER TOOLS IN



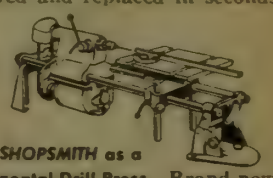
2 ***SHOPSMITH*** **as a Vertical Drill Press.** Drills to center of 15-inch circle. 27-inch maximum distance from table to chuck, 4¼-inch feed



3 ***SHOPSMITH*** **as 34" Wood Lathe.** (34" between centers) with a 15-inch swing. Quill feed 4¼ inches. Tool rest always slides parallel to work piece



4 ***SHOPSMITH*** **as a 12" Disc Sander.** Adjustable mitre gauge. 14½" x 17" table tilts to 45 degrees. Discs can be removed and replaced in seconds



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Your garage

Continued from preceding pa

What's good about your garage... and what's ba

One builder has met the problem by placing the driveway and door at a 45-degree angle to the street, and providing a short apron near the street end. Drive and apron look like an L set on its point, with the stem leading straight into the garage. You can easily back onto the apron from the garage, then face traffic headfirst.

Whatever else you do, flare the street end of the driveway so you don't have to cut corners or swing wide when you enter or leave.

Size. How you use your car shelter will determine how big it will be, but there are minimums which dictate *how small* it can be. A one-car garage must be at least 9 feet wide. You can get in and out of a wide new car more easily if you make your garage at least 10 feet wide. For a two-car garage, 17 feet is a minimum; 19 to 20 feet is better. Length of any garage or carport should be at least 20 feet.

These sizes are just for space to keep your car. If you want space for other things, remember that sometimes you'll be using that space while the car is in the garage. Too much space is far better than too little.

As for me, I'd like to go along with one of my 20 friends, the only one who expressed any interest in a carport. "That's just what I aim to have," he said. "A carport alongside the house. Out back, though, where the barn used to be, I aim to have a garage, too."

Here are some of the answers Herbert Yahraes got from 20 homeowners he asked about their present garages:

What do you like most about your garage?

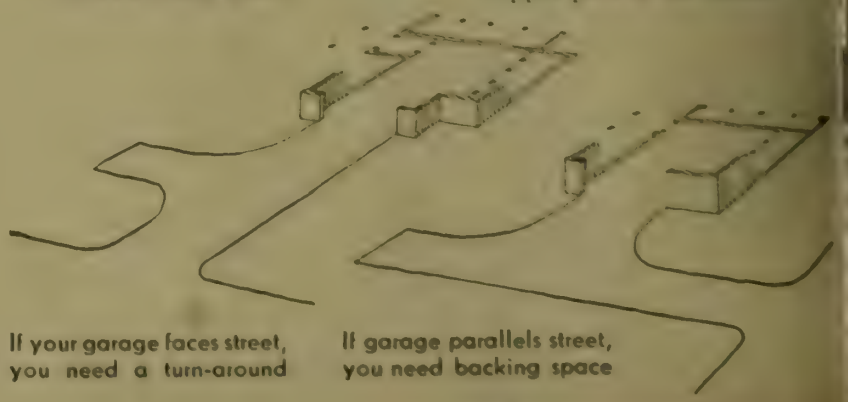
1. The good, broad doorway—3-foot clearance on each side.
2. The size: two cars and it only has to accommodate one.
3. The room it gives us to store household goods. We have no attic, and our basement is damp.
4. It's a good place for my workbench.
5. Plenty of light. We've a glass door in the rear and two windows.
6. My garage is in the basement; my car stays warm.
7. It's attached. We can load and unload under cover.
8. The width of the drivew just right at 9 feet.
9. It substitutes for the porch don't have. We can stand our garage and watch a thu derstorm.

What do you like least?

1. The driveway. It isn't wi enough to turn around.
2. Our garage is part of the ba ment. In icy weather I ca get out.
3. When the door is open, as usually is, the garage lo like heck.
4. The hinged doors take up t much room.
5. The sliding doors jam wi snow or come off the track.
6. The doorway's too narrow. we're not careful backing o —wham!
7. Our overhead doors. They' a swell idea but too heavy.
8. The grass that grows in t driveway. It's disappearin since I put a basketball hoo over the garage door.
9. The driveway goes along t side of the house, which is fu except that it gives me r place to shovel snow except o my neighbor's drive. Have carry it beyond the house.
10. It's a two-car garage, but it still too crowded.

What would you do if you wer building or remodeling?

1. Attach the garage to the hous Heat it and light it. Make th entrance 12 feet wide. Hav electrically operated, ove head door.
2. Connect it with the house by breezeway. Install heat, elec tricity, water, and a drain.
3. Place it closer to the street, s we could have a secluded yar in the back.
4. Put in plenty of shelves an cabinets.
5. Make a separate section in i for a garden tool house, witl its own door.
6. Plan it so we could have a play room.
7. Allow enough space for a work bench.
8. Eliminate the walk along the side, so we could have a green house or a woodshed built against the garage wall.
9. Have a study or playroom overhead, connected with the upper part of the house.



If your garage faces street, you need a turn-around

If garage parallels street, you need backing space

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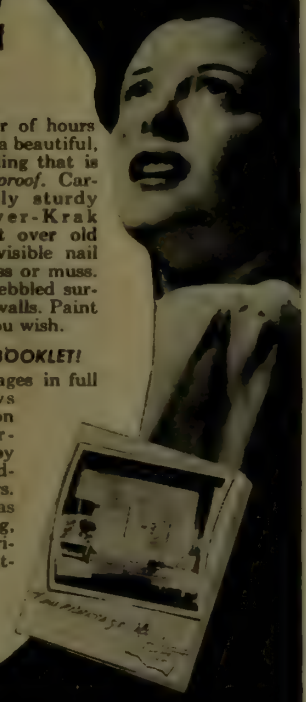
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Garden clinic

A weather-proof barbecue

Q I was forced to locate my garden barbecue in a spot with little shade. Can you suggest an attractive and easy-to-build sun shelter? R.G.T., Georgia.



HERE is one of the best barbecue shelters we have seen. It was included as part of the Peter Henderson & Co. exhibit at the International Flower Show in New York last year, and will do everything you want and more too. You'll find it just as effective in a shady spot as a sunny one because it provides not only sun shade but also shelter against rain and protection from wind on three sides.

The simple construction is fairly well explained by the picture. Lumber used was entirely butt-nailed 2x4's with the exception of the 1-inch boards used as part of the roof. The roof boards, of course, need roofing paper or other covering to make them rainproof. Use linseed oil, paint, or other preservative to protect the wood against weather.

The forward-extending eave or visor of the roof is covered with flexible glass substitute tacked on. It lets light through, but protects against glare and rain. The roof needs a pitch or slant; otherwise rain will cause the glass substitute to sag slightly so that water collects in little pockets instead of running off.

HEAVY canvas roll curtains at the side can be let down to protect against wind or slanting rain from two directions. The barbecue protects the third side. Be sure to use mildew-proof curtains.

You'll find other ideas in this shelter. On the left side a counter for food preparation and serving has been constructed. On the opposite side a very convenient bench has been built against the wall.

Your own ingenuity will suggest many variations such as training vines on the sides or fitting the shelter to your own barbecue in special ways. You don't have to wait for dry spring weather to go to work; much of the shelter can be constructed indoors so that all you have to do when good weather comes is set it up.

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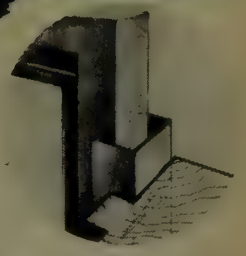
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"Need any help, dear?"

Low-cost family vacations

Continued from page 129

free public campgrounds. Surrounding the park are more than 500 hotels, tourist camps, and tourist homes. Average price at a tourist camp is $2.50 per person; at a tourist home, $1.50 per person.

Low-cost accommodations are also available at Fontana Village, the new T.V.A. recreational center just southwest of the park.

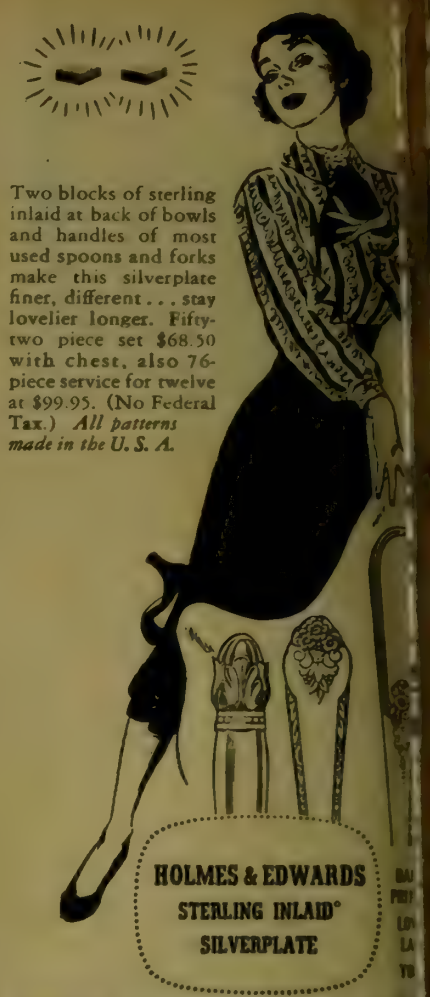
WITHIN the park proper, there are just two hotels. Wonderland Club Hotel, at Elkmont, can be reached by car. With meals, a family of four (if the children are under 8) can spend 10 days here for $105. If the children are over 8, the minimum cost with meals runs $140. Perhaps, however, there's adventure in your soul. Then you'll prefer to climb or ride a horse to the isolated top of Mt. Le Conte, to stay in the sky at Le Conte Lodge. Here the rate is naturally higher because of the difficulty of transporting food. If the youngsters are under 8, it will cost your family of four $225—or $300 if the children are over 8.

However, the capacity of both Wonderland and Le Conte are limited, and both are closed during the winter. Most of the visitors find themselves staying in one of the excellent hotels or tourist camps in Gatlinburg or other towns just outside the park, where a family of four—children under 8—can still eat and sleep for 10 days for approximately $200.50.

The advantage of Le Conte, once you get there, is that you are literally on top of the eastern world. Trails lead off in all directions—to waterfalls, to canyons, to flower-carpeted hillsides. Guided half-day trips on horseback will cost you $7 per person; full-day trips will cost you $14. If you bring your own horse from down in the valley, he'll be stabled for $2.50 a night, but it will cost you 75 cents extra for each feed of oats he's given. The Department of the Interior even regulates his diet. He gets one gallon of oats at each fueling.

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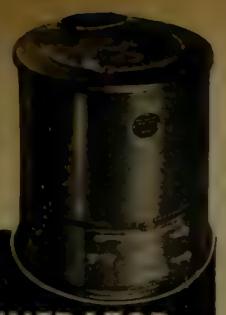
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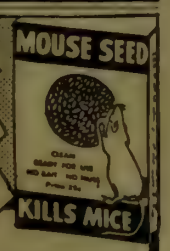
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flowers, remember these dates when they're at their best: late April for dogwood; May for mountain laurel; middle June for flame azalea and rose-purple rhododendron; middle July for white rhododendron; late October for autumn colors.

From June through October, there are free nature walks; and, at the camp sites, occasional evening lectures. Just to the west begins the series of T.V.A. dams, and to the east the Land of the Sky flanks the resort and health center of Asheville. The Everglades National Park, in southern Florida, is less than two days away by car. Thus a family living in the East or North can package three national parks into one vacation—Shenandoah, the Smokies, and the Everglades.

IT SHOULDN'T be necessary to remind you, but the national parks need to be treated with respect. Vandalism, year by year, is increasing. Names are carved in trees; precious historic relics are carried away for souvenirs; great natural phenomena are desecrated by trash and litter. We should cherish our parks. As Newton B. Drury, director of the National Park Service, puts it:

"In our parks, the people can become acquainted with the finest examples of the American natural scene, and with those historic places where American enterprise and patriotism have flowered most gloriously."

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WHAT are you doing these weekends and evenings? Many *Better Homes & Gardens* readers are adding extra rooms to their houses, remodeling kitchens and garages, putting up porches or laying terraces. They have found out they can have better homes for less money by doing this work themselves. Are you one of them? If so, tell us about it.

Better Homes & Gardens will pay regular editorial rates for manuscripts accepted. But we do want photographs—before and after shots (from the same angle) of remodelings, action pictures of new construction—and an estimate of how much money you are saving by doing the work yourself.

Your project needn't be a big one: Our readers are interested in finishing attics, as well as building new houses. Dig out your family album. You may have a picture story in it!

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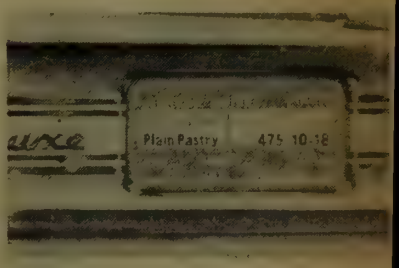
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Berries to eat from your hedge



NO ONE has yet discovered a way to stretch the size o a yard or garden, but here is one way to stretch the return from a small space. Make your hedges grow berries b planting raspberries or blueberries instead of the traditiona hedging shrubs.

Both plants make excellent back and side boundar hedges. Blueberries will also surprise you by their goo looks as foundation shrubs or in spots where you need a extra bush.

Raspberries and blueberries will require no more car than other hedge plants. Follow the rules below for planting and pruning, and your hedges will pay you the extra divi dend of sun-ripened berries in season.

Blueberries

Blueberries should be used more often than they are for both hedge and foundation planting. They have a beautiful branch pattern; in spring they are filled with clusters of pink and white flowers; they are loaded with delicious berries in early summer; and they have beautiful scarlet and coppery leaves in autumn. In foundation plantings they combine well with evergreens.

Proper soil is the crux of blueberry growing. It must be fertile and moist, but well drained. It must also be somewhat acid, of the same type that will grow rhododendrons and similar sour-soil plants. If your own soil isn't acid, you can fix it up by digging in peat, sawdust (hardwood is best), or oak leaves. A quart of aluminum sulfate worked into the soil for each 50 feet of hedge will make the soil acid in a hurry until the peat or sawdust starts breaking down.

Plant about 2 feet apart for a hedge, 4 feet for foundation shrubs. Keep mulched and have at leas two varieties in the same hedge fo cross-pollination.

Raspberries

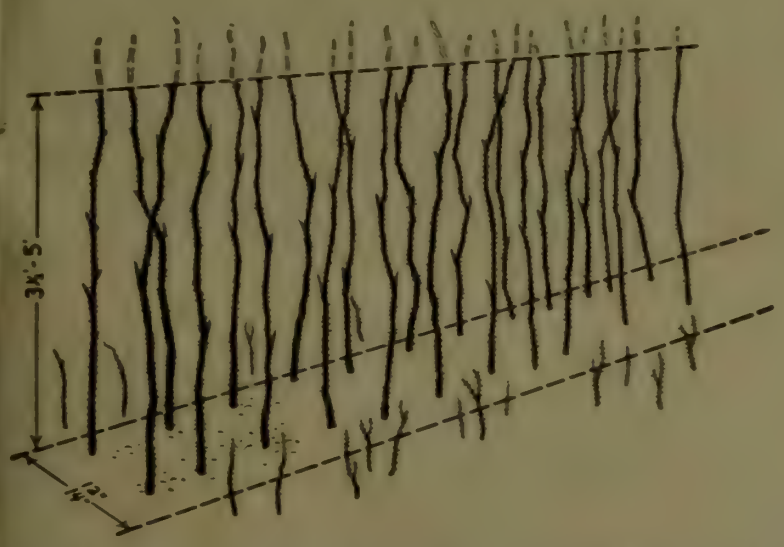
Raspberries, both blacks and reds, make a brambly hedge that children and even dogs find it hard to crawl through. Plant them in any fertile, well-drained soil in good sun—reds about 2 feet apart, blacks 30 to 36 inches—and cut canes to 6 inches after planting. Mulch, especially in winter.

Remember that red raspberries spread vigorously from root suckers and must be kept within bounds. For something new in reds, plant Indian Summer variety, which bears one crop in June and July, and a second one from mid-September until frost.

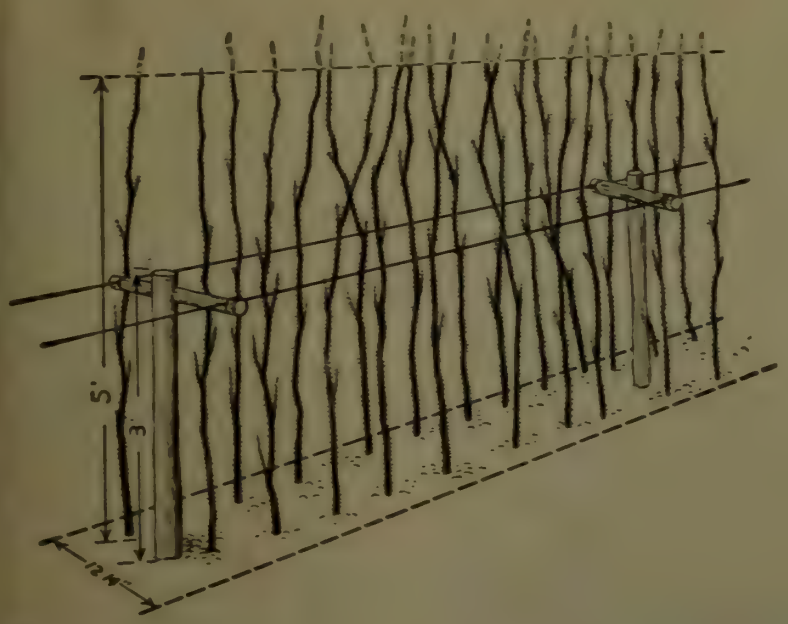
Raspberry canes, both reds and blacks, grow up one year, bear the next, and then die. Remove canes after bearing. An exception is Indian Summer, where the same canes bear in fall and again the next summer. So don't remove them until after the summer fruiting.



Prune black raspberries as above. In early spring before growth begins, cut side branches back 4 to 14 inches depending on their size and vigor, and remove weak canes to the ground. By end of May new shoots will be reaching hedge height (24 inches). Nip off top 3 inches as each cane reaches 27 inches to force strong side branch growth



For red raspberries, remove all weak canes and winterkilled wood in early spring. Top off canes to hedge height (see below). Remove excess strong canes so that there are only three or four to every running foot of hedge. During summer, only pruning is to pull up all young canes which are shooting up from suckers outside the 12- to 14-inch hedge width



Black raspberry hedges won't need any support if you keep them pruned back to 24 inches as recommended. Neither will reds pruned to 3½ feet. For a higher hedge and somewhat heavier yield of reds, prune at 5 feet and provide support about 3 feet from ground. Pictured is an inconspicuous support with wire. Bushes hide posts and crosspieces



"that's why we both chose a

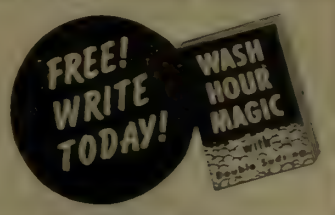
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Grow cacti in table gardens

By Harry Johnson

FOR an inexpensive, good-looking table arrangement, grow cacti and other succulents. They are quite at home in roasting pans, cooky jars, or baking dishes (right and below). They ask only *not* to be coddled.

Plants like those shown here cost less than 30 cents each. Planting is easy. (Use your kitchen tongs for prickly sorts.) Keep the bases of all cacti near the surface. Shallow planting makes for healthy plants.

Never water when the soil looks moist. Cacti are desert plants. Too much water causes their roots to die. During the winter, give barely enough water to keep your plants plump.



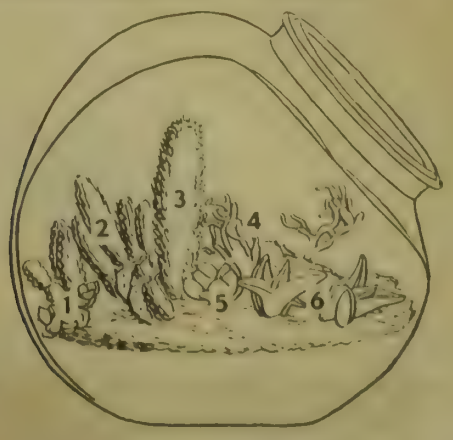
What container? The kind you use is of no great importance to your cacti. Choose for ornamental effect, but get a 2-inch soil depth. Pottery, glass, metal—use any container your ingenuity suggests

Photographs: Stanley



What soil? Mix two parts sand with one part garden loam. This allows air to reach the roots, avoids sogginess

1. Silver Beads (*Crassula*)
2. Crested Prickly Pear (*Opuntia*)
3. Silver Torch Cactus (*Cleistocactus*)
4. Echeveria Mexican Gem
5. Moonstones (*Pachyphytum*)
6. Tiger Aloe





1. Bird's-Nest Cactus (*Mamillaria*)
2. Hybrid Cereus
3. Echeveria Pulvi-Corn
4. Boxing-glove Cactus (*Opuntia*)
5. Necklace-vine (*Crassula*)
6. Zebra Haworthia
7. Bishop's-Cap (*Astrophytum*)
8. Devil's Cane (*Opuntia*)
9. Echeveria Gilva
10. Red Pincushion (*Mamillaria*)





What light? Cacti never get too much sunlight in the winter. Move them into a bright window occasionally for a good sunning. Lack of sunshine is the reason many cacti refuse to bloom

1. Plaid Cactus (*Gymnocalycium*)
2. Moonstones (*Pachyphytum*)
3. Autograph Cactus (*Opuntia*)
4. Silver Torch (*Cleistocactus*)
5. Pink Easter-Lily Cactus (*Echinopsis*)
6. Red Pincushion (*Mamillaria*)

Bring new comfort, new pleasure into your home with COLOR DYNAMICS!



With COLOR DYNAMICS you can make every room in your home glow with new life and beauty. (PHOTO COURTESY OF BETTER HOMES AND GARDENS)

Pittsburgh COLOR DYNAMICS will show you how young ideas in home decoration give a thrilling new slant on living

A NEW LOOK for your home can often make it lovelier to live in as well as lovelier to look at. Pittsburgh COLOR DYNAMICS makes it easy for you to combine fine paint with modern, scientific ideas in decorating to give fresh zest and sparkle to your home life.

• **Science has shown** that colors possess energy which affects and influences people. This energy varies with different colors. That's why some colors inspire and stimulate, others soothe and relax, still others depress and irritate. With Pittsburgh COLOR DYNAMICS you can employ this energy for best results in painting. It permits you to measure your home accurately for the colors it should have.

COLOR DYNAMICS helps you to select the colors best suited for the use and light exposure of every room. You can choose with certainty exciting up-to-the-minute colors, wake up dull, drab rooms, add to the comfort, pleasure and well-being of your entire family.

• **And when you use** Pittsburgh Paints you can make these new color arrangements look better longer. New SUN-PROOF House Paint retains its gleaming brightness longer than ever before. Oil-base WALLHIDE covers nearly any surface thoroughly with one coat. FLORHIDE adds lively, durable beauty to wood or cement floors. WATERSPAR Enamels give new sparkle to furniture, woodwork and metal trim.

Give yourself a real treat this spring. Wake up your old, tired-looking home. Dare to be different and gay! Paint *right* with COLOR DYNAMICS—paint *best* with Pittsburgh Paints.



You can be sure of choosing exactly the right color arrangement to make your bedrooms more restful and comfortable when you paint the COLOR DYNAMICS way. (PHOTO COURTESY OF THE MENGEL COMPANY)

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Pittsburgh Plate Glass Co., Paint Div., Department BH-29, Pittsburgh 22, Pa.

Please send me a FREE copy of your new Booklet, *"Color Dynamics for the Home."*

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PITTSBURGH PLATE GLASS COMPANY

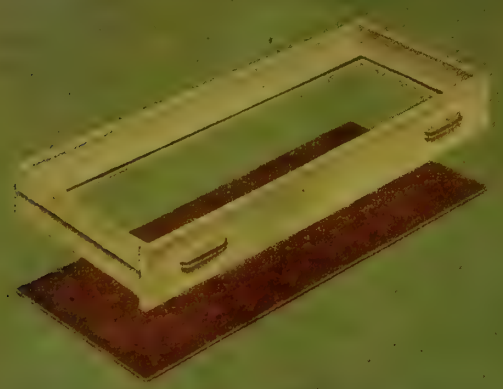


Masonite Presdwood is made from exploded trees—pressed into smooth, grainless, all-wood panels of uniform density, hardness, tremendous strength and stability.



Look for Presdwood furniture backs. They're one-piece, can't crack, split or splinter. They provide more strength to the product.

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Look for Presdwood drawer bottoms. They can't splinter, won't snag your fine clothes. Presdwood dust-stops stay tight and true. They won't twist.

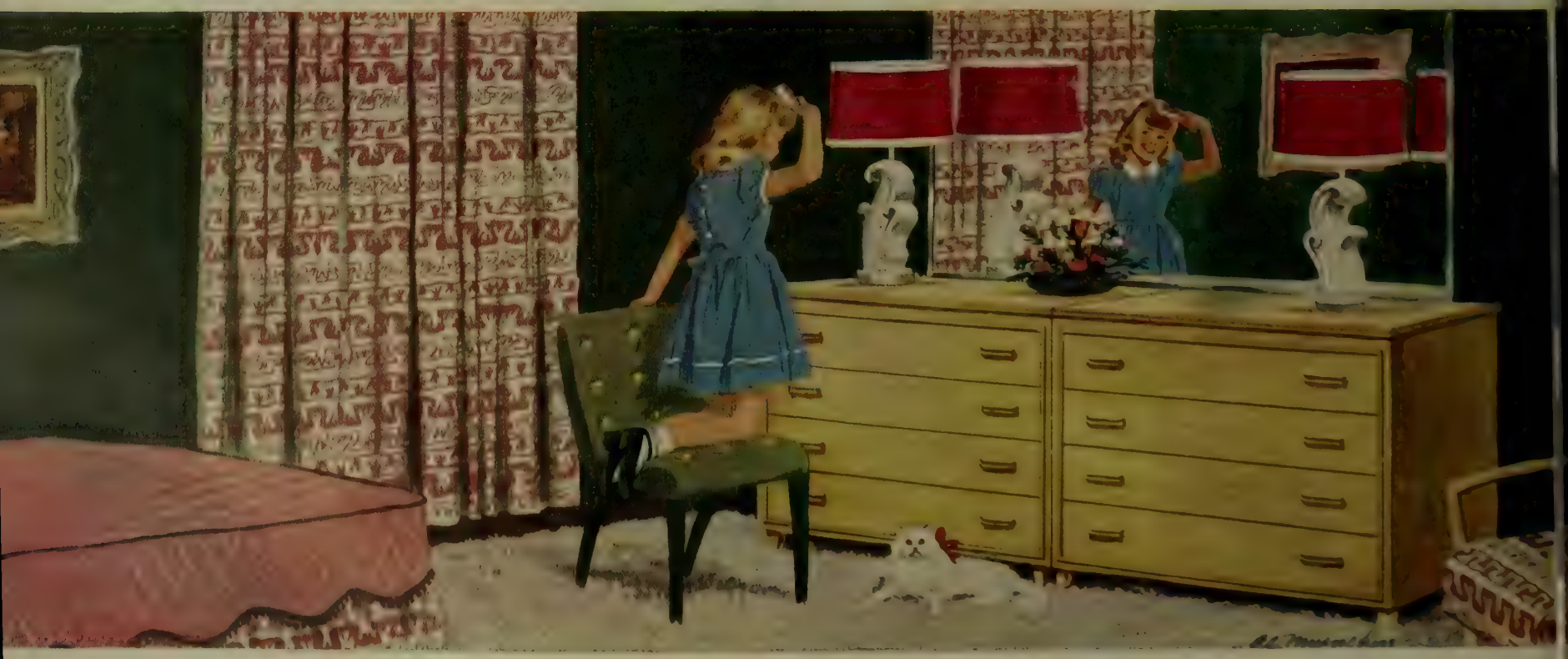
You can't see Presdwood when it's veneered for side panels. But it holds veneer flat permanently—adds strength and assures quality construction.





You can often recognize Presdwood on mirror backs by its natural color. It's smooth and strong, gives greater protection to glass and silvering.

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THE SEAL OF QUALITY – *Products bearing this seal have added value because Presdwood is used in their construction.*

M.C. 1949 "MASONITE" AND "PRESDWOOD" ARE REGISTERED TRADE-MARKS. "MASONITE" SIGNIFIES THAT MASONITE CORPORATION IS THE SOURCE OF THE PRODUCT.

fasten two boards together

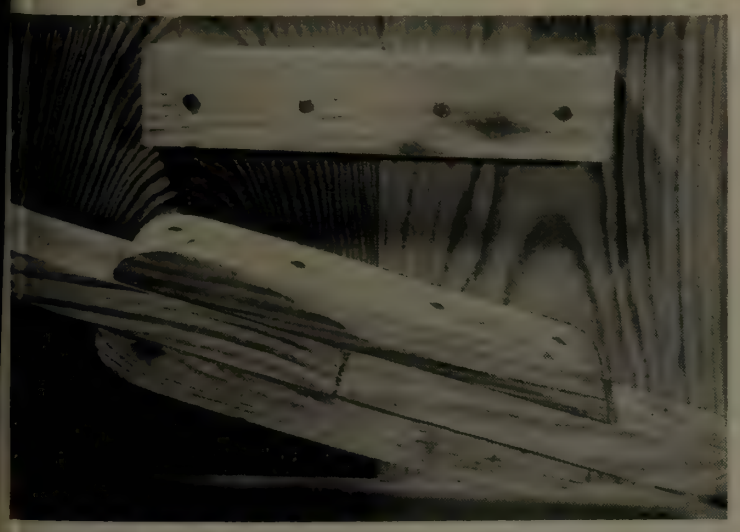
Begins on page 17



d, but still good. The locked tenon joint is again coming into or, especially for decorative purposes. Such a joint can easily be en apart if left unglued. To make the joint, first draw and cut the jecting tenon (1). Drill a hole in it, and in the upright (2). Square se holes to size with a sharp chisel. Then cut the locking peg (3) n matching wood, with grain running lengthwise, and tap it in



Dowel joints. For accurate dowel joints, clamp the two wood members together (right). Mark a pencil line across both surfaces for each dowel. Use a try square (left) for marking. With a depth gauge (in hand) mark the spot on each line where dowel holes will be made. Use a prick punch to locate drilling points. When holes are drilled and dowels put in, members will line up perfectly. Glue and clamp



Using wood cleats. To join two flat surfaces, you can use a series of wood cleats (background). Attach them with nails, screws, or bolts, depending on how permanent you want the job to be. Cleats can also be used to make a fished splice (foreground) which is much stronger than a joint made by overlapping two boards and nailing. You can get the same effect in less space by substituting metal plates

More on page 175

for Better Living *



National Production Methods Provide Better Homes for More Families at Less Cost!



• *Two to four comfortable bedrooms* • *Spacious living rooms, efficient kitchens, adequate closet and storage space* • *With or without basements, garages, porches and breezeways* • *Construction includes steel columns and girders, open-web steel beams, insulated exterior walls and ceilings, hardwood floors, aluminum double-hung windows* • *No unforseen extras!*



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BUILDERS OF THE "THRIFT HOME"

Some dealerships still available in areas which can be economically served.

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Kohler 60″ Wilshire Sink, *of rigid, non-flexing iron with acid-resisting, easy-to-clean enamel surface. Double drainboard, full-length ledge and two roomy basins provide maximum working convenience.*

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Visit your Kohler dealer for help in selecting bathroom, washroom, kitchen or laundry fixtures. Write for illustrated Booklet A-11, Kohler Co., Kohler, Wisconsin.

KOHLER OF KOHLER

PLUMBING FIXTURES • HEATING EQUIPMENT • ELECTRIC PLANTS

o fasten two boards together

Continued from page 173

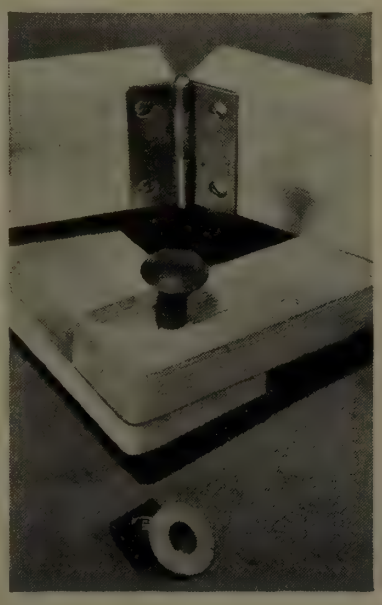


Two corner joints. Not as strong as a true lapped joint, but stronger than a butted joint, is the simple rabbet joint pictured at the top, left. Its big advantage is that you can cut it quickly with a handsaw, skipping work with a chisel.

Below is a mitered joint reinforced with a corner block held by screws. If you use a corner block, make sure the grain of the wood runs in the direction shown. Otherwise the block will split under pressure



Two metal fasteners. A joint subject to little strain may be fastened in a hurry with corrugated fasteners (used on a miter joint, left, and on a butted joint, center). To draw the two members together into a tight fit, make sure that the middle section of each fastener straddles the joint. Drive the fasteners home with light hammer taps. Scotch fasteners (pictured at the right) are also easy to apply and quite strong. Both corrugated and Scotch fasteners draw a joint together as they are driven



Bolts and hinges. Bolts are useful for holding portable structures to be taken apart frequently. Drill a hole the size of the bolt through both members, and use a washer under the nut to protect the wood. Add a lock washer to prevent the nut from coming loose if there is much vibration.

In the background is a steel hinge with a loose pin. It can be used to fasten boards that must be taken apart and reassembled quickly. It takes only a moment to remove pin, disconnect members

More on next page

FOR BETTER BASEMENTS

TRUSCON RUBBER BASE COATINGS



Yes... Your Basement Rooms Can Be *Beautiful!*

YOUR basement floors, your basement walls—you can finish them colorfully and beautifully now! That's because Truscon found a way to use genuine chlorinated rubber as a base for special basement coatings that "stay put." The lime in cement or plaster or concrete block can't harm these finishes. They go on as easily as ordinary paint—but what a difference in looks and wear! Use Truscon Rubber Base Coatings and be *proud* of your basement.

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TRUSCON PARATEX RUBBER BASE FLOOR COATING

In *any* basement room—furnace, laundry, recreation—this is the way to floor beauty and floor wear. Colorful, easy cleaning, durably tough.

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Is your basement cheery? Away with drab, dingy, gray, cement color walls. Have clean, bright basement walls — and stop apologizing. Ask for Truscon Coatings by name.



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TRUSCON *Laboratories*

I WEAR FALSE TEETH

yet my mouth feels fresh, clean and cool.

No "DENTURE BREATH" for me*



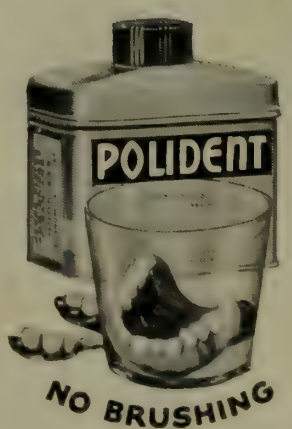
*"I know I'm free from Denture Breath these days, thanks to Polident. And my mouth *feels* so much better now that my plate is really clean!"
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Keep dental plates odor-free by daily soaking in Polident

When plates taste bad—feel hot and heavy in your mouth, watch out for "Denture Breath", the oral disturbance that comes from improper cleansing. False teeth need the care of a special denture cleanser—POLIDENT. Safe, easy, quick, Polident leaves your plates clean, cool and fresh. No fear of offensive "Denture Breath".

And remember, Polident keeps your false teeth more natural looking—free from offensive odor, too. For a smile that sparkles, for a mouth that feels cool, clean and fresh—soak your plates in Polident every day.

Polident comes in two sizes—regular and large economy size—available at all drugstores. It costs only about a cent a day to use, so get a can of Polident tomorrow, sure.



Soak plate or bridge daily—fifteen minutes or more—in a fresh, cleansing solution of Polident and water.

Use POLIDENT Daily

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LOOSE FALSE TEETH?
AMAZING NEW CREAM
HOLDS TIGHTER, LONGER
THAN ANYTHING YOU EVER TRIED
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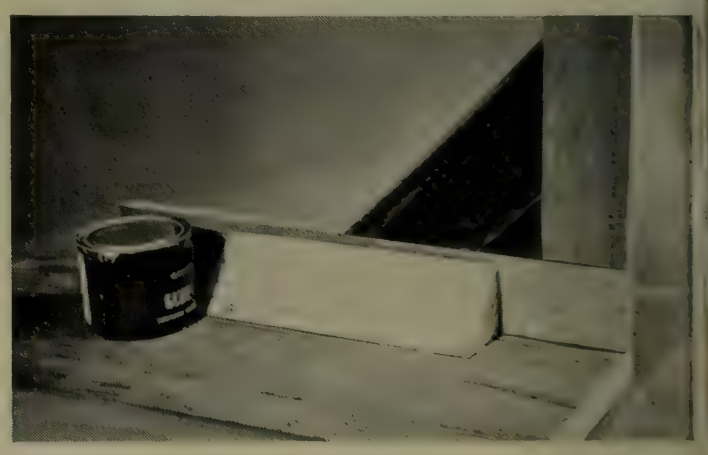
Continued from preceding pa

How to glue joints

ANY joint is stronger if you use glue to help hold i Flake glue is mixed with hot water. Liquid animal an fish glues are ready for use. Powdered casein glue is mixe with water just before use, as are several of the new plast glues. A powder and a special liquid are mixed to mak one plastic glue that is waterproof and very durable. New est adhesive is of polyvinyl plastic, a creamy white liqui that sets quickly and does not stain.



Applying glue. Use enough glue to coat both members so a surplus will be squeezed out when clamps are applied. But remember that glue is used to bind parts together, not to separate them with a thick film. A good spreader is an old saw blade, which leaves the right amount of glue when used as pictured



Using glue blocks. To strengthen work joined at right angles, use glue blocks. The white block could be cut into shorter lengths and spaced over a larger area. Dark block serves to reinforce a frame



Emergency glue clamp. If you don't have a wood or metal clamp of the right size, cut a strip of rubber from an old inner tube. Wrap strip around joint, stretching it as much as possible, and you'll get a surprisingly strong clamping action.

Infrared heat lamp (top) can be used to speed setting of the new plastic glues. Don't use a heat lamp so near the surface that you blister it



Question: **What's tragic about this Picture?** *Answer:* **Nothing!**

Here's mother  *fixing dinner and hurrying back and forth between the colorful Formica surfaced sink-top*  *and the gleaming Formica surfaced dinette-table. Here's a tea kettle of boiling water*  *on the Formica top. Here's a lemon*  *she's squeezing for salad . . . its juice runs onto the Formica too.*  *Here's sister in the bathroom prettying up*  *for the company, with her cosmetics spread out over the Formica surfaced lavatory dressing table. And here's dad entertaining the company*  *with cocktails around the Formica topped coffee-table.* *(Look—no coasters.)*

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RITZY-BUT EASY!

(IT'S REAL MINUTE TAPIOCA—FULL OF COUNTRY-KITCHEN GOODNESS)



Perfect Parfait—APRICOT TAPIOCA CREAM!

1 egg yolk
2 cups milk
3 tablespoons sugar
⅛ teaspoon salt
3 tablespoons Minute Tapioca
1 egg white
2 tablespoons sugar
½ teaspoon vanilla
1½ cups cooked apricot purée

Mix egg yolk with a small amount of the milk in saucepan. Add remaining milk, 3 tablespoons sugar, salt, and Minute Tapioca. Place over medium heat. Cook until mixture comes to a full boil, stirring constantly—this takes 5 to 8 minutes. (Do not overcook . . . mixture thickens as it cools.) Remove from heat.

Beat egg white until foamy throughout; add 2 tablespoons sugar, 1 tablespoon at a time. Continue beating with rotary egg beater until mixture will stand in soft peaks. Add hot tapioca mixture, stirring constantly. Add vanilla. Cool, stirring after 15 to 20 minutes. Chill. Turn into parfait glasses, alternating tapioca cream with apricot purée. Garnish with whipped cream. An elegant dessert for 6 people! So lavishly luscious—so full of homemade goodness—no one would ever dream it's so quick and easy to fix. And thrifty, too.

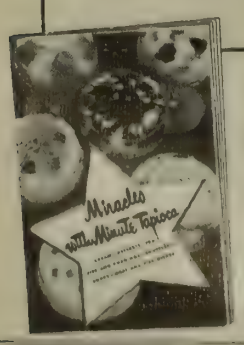
• • •

A word to brides! If you're a kitchen tenderfoot—you may never have used real, genuine Minute Tapioca! (It was not available during the war years.) So make up for lost time! Discover all the glorious things Minute Tapioca can do for you. More wonderful recipes on box.



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Please send me a FREE copy of "Miracles with Minute Tapioca," containing over 50 recipes for creamy desserts—fruit pies that don't run—fluffy omelets and soufflés—tender meat loaves that slice without crumbling—rich soups and stews—and scores of other chef's secrets.

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GRAVY MASTER
easy thrifty
makes gravy taste and look good too!
EVERY BOTTLE SHOWS HOW—TRY IT



Ways to cook and serve onions

INSTEAD of reaching in the onion sack for *one* onion to season a salad or chop into the stew or into a casserole, get out enough onions to fill the vegetable dish for dinner tonight.

Fix a bowl of little creamed onions topped with parsley and a pat of butter, or pan-fry onion slices, or glaze small whole onions for the meat platter.

Or fix French Onion Soup—soup that has all the flavor of a chef's special—or Cream of Onion Soup, with crisp bacon bits and a topping of cheese.

There you have five ideas for serving onions. Recipes are below. For French-fried onion rings, look on page 112 of your October, 1948, issue of *Better Homes & Gardens.*

More on page 180



Liver 'n' Onions

Slice onions in fourths before peeling them. Then dry skin slips off easily (picture, left). While you're slicing the onions, melt fat in a skillet—it takes 5 or more tablespoons fat for 6 to 8 onions. Add onions to melted fat. Cover and simmer over low heat until tender, about 30 minutes. Add a little water if needed to prevent onions from browning too much. Turn once. Below: Serve with slices of pan-fried liver



Creamed Onions



Cook 2 pounds small, white onions in 3 quarts boiling, salted water until just tender, about 15 minutes. Drain (picture, right). Add onions to 2 cups medium white sauce. To make the white sauce: Melt 4 tablespoons butter; add 4 tablespoons enriched flour; blend. Gradually stir in 2 cups milk; cook over low heat until smooth and thick, stirring constantly. Season with salt and pepper. Below: Garnish creamed onions with parsley and a pat of butter. Serves 6



Photographs: Wesley Bowman

French Onion Soup



Simmer 2 cups thinly sliced onions in 2 tablespoons butter or fortified margarine until they're lightly browned. This takes about 15 minutes. Picture, right: Add 4 cups bouillon or consomme (make your own or use concentrated meat extract) and heat to boiling. Pour French Onion Soup into hot soup bowls. Below: Top the soup with rounds of dry toast and sprinkle with grated Parmesan cheese. Pass extra cheese at the table. Serves 4



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with easy, safe, wonderful to use

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Illustrated is the new "FRY-MASTER"!

Presto COOKERS are available in 10 models or matched sets of 2 to 5 units.

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A PRESTO-COOKED VEGETABLE, DONE IN A MINUTE... HAS MORE FLAVOR AND VITAMINS IN IT.

FOR BABY'S HEALTH AND BABY'S PLEASURE... PRESTO-COOK HIS DAILY MEASURE.

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1st Prize $1,000 in Cash | 3rd Prize $500 in Cash
2nd Prize $750 in Cash | 4th Prize $250 in Cash
50 Additional Cash Prizes of $50.00 Each
1,000 Prizes of 1 "Companion" PRESTO COOKER Each

Here's a cute little contest you'll want to cut in on. Read the PRESTO COOKER *"Quickies"* in this advertisement. Then write one yourself.

It should be easy for you to win one of the 1,054 prizes in this simple, fascinating contest. No labels or facsimiles to send.

Contest ends midnight March 31, 1949.

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National Presto COOKER



GIVEN . . . with Every PRESTO COOKER . . . at no extra cost, a beautifully illustrated, 128-page recipe book, with easy-to-follow, illustrated instructions for PRESTO Cooking and Canning.

EXCLUSIVE! . . . Only PRESTO COOKERS have the Pressure-Tru, 5-10-15 lb. indicator. Safe! Sure! Simple! . . . for hi-speed cooking and pressure canning. Tells how much pressure is in the cooker at all times.



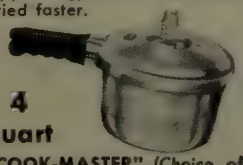
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6 quart "MEAT-MASTER" (Choice of 2 models.) Holds 5 pint jars for canning.



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COOKER-CANNERS. Available in 3 sizes . . . 12-quart, 16-quart and 21-quart. All equipped with 5-piece accessory set and recipe book.

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SMALL-FAMILY GINGERBREAD

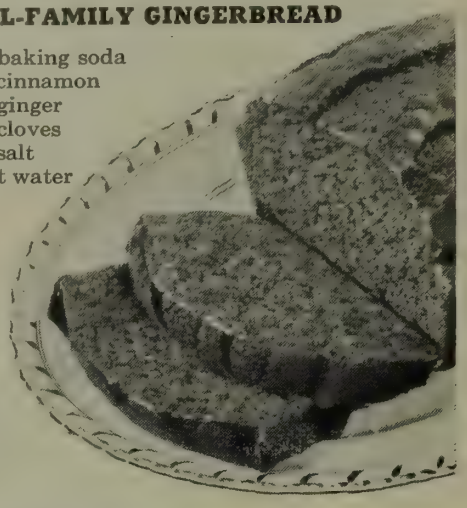
with the sun-rich flavor of real New Orleans molasses



In early Mississippi steamboat days, folks up-river welcomed molasses from New Orleans

Brer Rabbit's new, quick SMALL-FAMILY GINGERBREAD

¼ c. shortening
¼ c. sugar
½ c. Brer Rabbit Molasses
1 egg
1¼ c. sifted all-purpose flour
¾ tsp. baking soda
½ tsp. cinnamon
½ tsp. ginger
¼ tsp. cloves
¼ tsp. salt
½ c. hot water





Slowly melt shortening in saucepan; cool. Add sugar, molasses and egg; beat well. Sift together flour, baking soda, cinnamon, ginger, cloves and salt; add alternately with hot water to first mixture. Line 9¼" x 5¼" x 2½" greased loaf pan with greased wax paper; pour in batter. Bake in moderate oven, 350°F., 45 min. Cool 5 min. Remove from pan. Delicious served warm with ice cream.



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FREE! 50-page book. 124 valuable recipes. Washable cover. Illustrated. Address: **BRER RABBIT**, c/o Penick & Ford, New Orleans 7, La., Dept. B-5.

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NEW "Ballerina"



Gay Colored Glaze Dinnerware...

The rhythmic balance and dramatic color of the ballet captured in this modern new dinnerware by Universal! Four lovely pastel colors—Jonquil Yellow, Periwinkle Blue, Jade and Cocotan—two of each, for example, in a service of eight. So *practical*, too . . . larger serving area on plates . . . easy to clean . . . *guaranteed ovenproof!* Inexpensively priced at good stores. Choose Ballerina for yourself . . . for gifts!

UNIVERSAL POTTERIES, INC. • Cambridge, Ohio

Ways to cook and serve onions

Begins on page



Glazed Onions With Cubed Steaks

Cook 2 pounds small, onions in 3 quarts bo salted water until just te about 15 minutes. D Meantime, melt ⅓ cup b or fortified margarine an in ½ cup sugar. Picture, Add the drained onions cook over low heat abou minutes, stirring occasion to glaze all sides. Be Serve glazed onions with fried cube steaks. Serve





Cream of Onion Soup

Dice 2 slices bacon; fry just crisp. Picture, left: Add cup thinly sliced onions a ⅓ cup diced celery. Co until golden. Stir in 2 tabl spoons enriched flour, and to ¾ teaspoon salt. Gradual add 3 cups milk. Cook ov low heat until smooth a thick. Stir often. Add ¾ c grated American cheese; s till melted. Below: Serve in h bowls with croutons. Serves



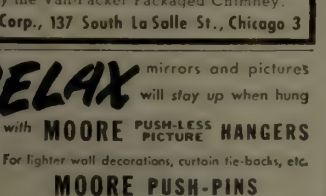


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You'll be delighted with this colorful, helpful GUIDE to planning a water system successfully. You gain the benefits of years of experience FREE! Here are unvarnished FACTS to help you protect your investment in the water system you need and will be proud to own. *You NEED this FREE GUIDE. Write for it!* The Deming Company, 500 Broadway, Salem, O.

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For lighter wall decorations, curtain tie-backs, etc.

MOORE PUSH-PINS

Each 10c a packet at hardware, department and stationery stores. Higher in Canada.

MOORE PUSH-PIN CO., Phila. 44, Pa.

Earning by eating

It takes a large part of the modern worker's income to buy "something to eat." But Johann Ketzler, an eighteenth-century German, made his living by eating!

A professional glutton, his only livelihood was from winning bets about eating. His first bid for fame was the consumption of three roast geese, weighing 19 pounds, in little more than two hours.

Ketzler's longest meal lasted 42 days—the time it took him to polish off a half-ton ox, roasted whole. But his most popular feat, which he repeated whenever he could get anyone to wager that he couldn't do it, was to eat three pounds of hay—dry—in an hour and a half! —*Webb B. Garrison.*

Where to get it

Most items shown in this issue should be available in your local stores. If, however, they are not, for your store's convenience in ordering, we list the names of the companies making the items.

Hawaii comes to your table

Page 62. All accessories: Trader Vic, Oakland, California.

Planned around an entrance hall

Page 38: Air-conditioning system: Servel "All-Year" air conditioner, Servel, Inc., Evansville, Indiana.
All furniture: "Precedent" by Drexel Furniture Co., Drexel, North Carolina.
All lamps: Lightolier Co., Jersey City, New Jersey.
Page 40. Living room. Carpet: "Corsair" No. 8201, Archibald Holmes, Philadelphia, Pennsylvania.
Drapery fabric: "Santa Barbara Bouquet," No. 171233, F. Schumacher Co., New York.
Sectional sofa upholstery: "Gold," No. 88332, F. Schumacher & Co., New York.
Arm and side chairs: "Mocca" with gold thread, No. 32257, F. Schumacher & Co., New York.
Loafer chair: "Flamingo" No. 88500, F. Schumacher & Co., New York.
Page 41, 134. Owner's bedroom. Carpet: "Senate Grey," Mohawk Carpet Co., New York.
Bedspread fabric: Turquoise Mecca cloth, Charles Bloom, Inc., New York.
Wallpaper: Bon Ton No. 70461, Imperial Paper & Color Corp., Glens Falls, New York.
Page 134. Girl's bedroom. Draperies, bedspread, valance, chair covers: Rose quilted and Cinderella pattern, Everglaze chintz, Kandell, Inc., New York.
Rug: Cabin Craft, Dalton, Georgia.
Page 41. Kitchen. Wallpaper: Wall-tex No. 3232, Columbus Coated Fabrics, Columbus, Ohio.
Covered cornice: Flowered print, Everglaze Chintz, Kandell, Inc., New York.

These dishes do double duty

Page 220. All dishes: Winfield Pottery Division, 1825 Stanford Street, Santa Monica, California.
Page 221. "Heath" dinnerware: Pacific Shop, San Francisco.
Page 222. Top and center pictures. All dishes: Winfield Pottery Division, 1825 Stanford Street, Santa Monica, California.
Copper skillet: Rubel & Company, 225 Fifth Avenue, New York City.
Bottom picture. Metal tableware: Florence Thomas, 33 East Union Street, Pasadena, California.
Pottery bakers: Los Angeles Potteries, 11700 South Alameda, Los Angeles.

Rubbers slip on

If your child's rubbers are a tight fit, slip a piece of paper under the heel of his shoe. The rubber will slide over more easily.—*Mrs. J. Brown, St. Paul, Minnesota.*



YOU'LL BE GLAD
YOU READ THIS FREE BOOKLET ON

*Radiant Ray** *Heating*

It will help you make your most important home-planning decision

I DISCOVERED why sunny radiant rays are so important to winter comfort—and why a Radiant Ray* Heating System keeps every inch of your home at a livable temperature—gives you *all the essentials* of good heating.

And not least, I found out how to have oceans of hot water, both Summer and Winter, from the same boiler that heats the house.



AND I WAS DELIGHTED TO LEARN how economical Radiant Ray* Heating could be. It can be so controlled that your home is neither over nor under-heated—fuel is used only as demanded by the weather. I never realized before that a hot water or steam heating system is virtually a lifetime installation, with amazingly little up-keep.

If you plan to build or modernize your home, my advice is—read "Enjoy Better Living with Radiant Sunny Warmth."

**The warmth you get with radiators, baseboards, panels or convectors.*

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The *Institute* of Boiler and Radiator Manufacturers

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Please send your Free Booklet, "Enjoy Better Living with Radiant Sunny Warmth."

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For "sniff appeal" heap his dish with wonderful Gro-Pup Ribbon. Crunchy-good . . . and nourishing!

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Yes, Smackin' Good...it's Kellogg's

Your dog and mine

By Russell K. Lowry

Photograph: Marion Pe



Act startled, excited when the doorbell rings; soon you'll have a watchdo

What is the best way to train our 6-months-old pup to be a good watch-dog?—E. R. L., California.

Well, all dogs are naturally suspicious of strange sounds. Play up to this trait by appearing excited, fearful, and startled when the doorbell rings. Rush forward and, by hoarsely whispered urgings, arouse your dog's attention. Then retreat furtively, as though in fear. This excites the dog, puts him on edge. Soon, he'll react with a sharp bark —and look at you questioningly. Pat him to encourage his alertness. Repeat this at every opportunity. Nothing much to it—just a little dramatic acting on your part. In fact, teaching a dog to be a good alarm clock is as easy as teaching him to eat.

Our community has had a plague of ticks for the past several years. Nothing seems to keep ticks off my dog. Is there anything we can do to avoid another tick plague this summer?—C. I. S., New York.

We receive many letters from dog owners in your area about the tick condition. You can't spray the entire outdoors. But you can try to get local authorities interested in a cleanup campaign. Do away with brush piles, refuse heaps, heavily weeded or grassy areas—all favorite breeding spots for ticks. DDT is effective against ticks. Spray it on your dog and around his living quarters. Be sure to use only a water-base (wettable) solution. But remember, if your dog roams, he'll bring home fresh ticks every night.

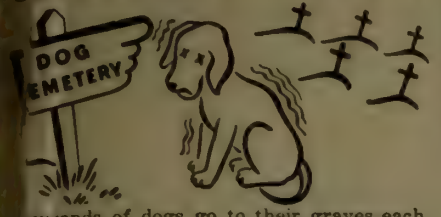
My 6-year-old dog has fits. He will suddenly topple over, wave his paws in the air, work his jaws and froth at the mouth. In a few minutes he will get up, shake himself, and appear none the worse for his experience. But his gait will be unsteady for an hour or so. What causes this condition and can it be cleared up?—E. W. C., New Hampshire.

Any number of things can cause fits—teething, worms, indigestion, improper or deficiency feeding,

---

▸ Have you a problem in dog feeding, care, training, disease prevention? Address your questions to Russell K. Lowry, "Your Dog and Mine" Editor, *Better Homes & Gardens*, Des Moines 3, Iowa. Enclose a stamped, addressed envelope.

Bathing Your Dog Can Send Him To His Grave!



Thousands of dogs go to their graves each year because of catching cold after a bath. Don't risk *your* dog—use Sudbury Hygienic Cleaning Powder instead. It's better than water and leaves coat silky and clean.

A Dry Bath Is Better

No fuss! No splashing! This is the easy way to clean your dog—he'll like it, for instinct makes him fight water baths. Takes less time. Constant bathing with water also causes dry skin and shedding hair.

Easy to Use. Shake on, rub in, brush out! The powder goes right down to the skin, takes out dirt, helps prevent fleas, removes odor. Used and recommended by leading kennels.

Send No Money! Order Hygienic Cleaning Powder, big shaker pkg., C.O.D. $1. plus postage (or just enclose $1 bill at our risk and we will pay the postage).

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Dept. BH Grand Rapids, Michigan

approaching distemper. However, in an older dog, the condition is usually induced by intense pain, often from some liver or kidney disease. The best thing to do is have your dog checked by a veterinarian, one who has the tools to do the job, including X-ray. In every case, a fit calls for prompt attention.

We have an 8-weeks-old puppy. What are the important points to follow in raising him?—J. F. W., Missouri.

The important principles of dog care parallel those that apply to men. They are (1) good, nourishing food; (2) fresh, clean water; (3) dry, comfortable sleeping quarters; (4) exercise and fresh air.

My cocker spaniel gets matted hair around his ears and on his legs. I can't seem to comb it out. How can I do so without hurting the coat?—Miss G. M. R., Virginia.

Try a steel comb. If this won't go through the mats, you'll have to cut them out with scissors. In the future, comb and brush your dog three times a week. All long-coated dogs develop hair mats if you neglect their grooming.

I want to give my daughter a puppy for her birthday. What are the things to look for and to look out for?—R. C. M., Ohio.

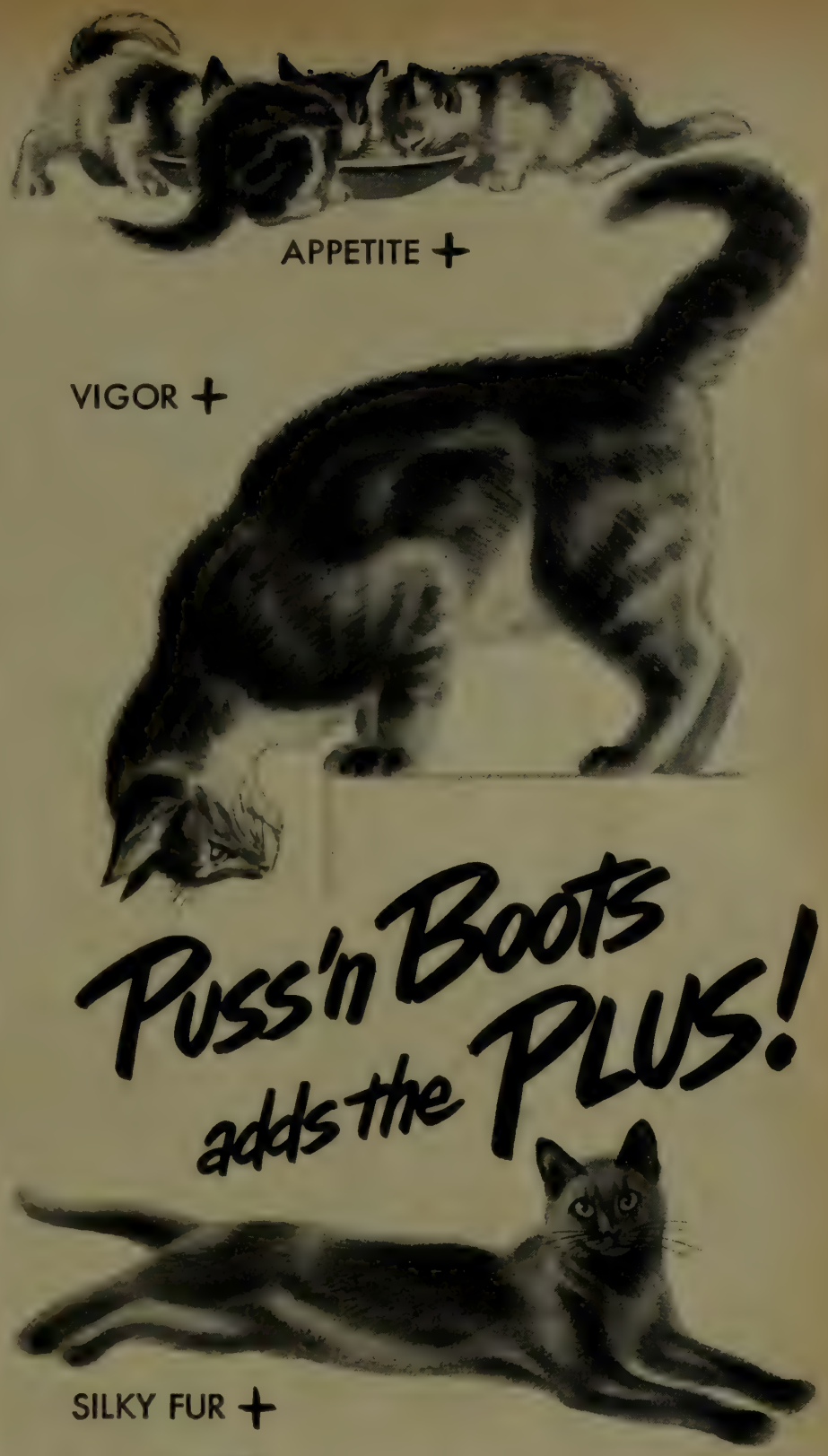
Pick a sturdy, robust-looking animal who's alert, full of life, and wants to bite the buttons off your coat. Teeth should be sparkling white, gums pink and glowing. Legs should be straight, with feet and pads of good size. Look on his stomach for fleas. Test his hearing by snapping your fingers or singing. Ask the seller to take the pup's temperature. Anything over 102 degrees is grounds for rejection. Avoid a pup with runny eyes or nose. After you take your pup home, remember that good food is 95 percent of good puppy care. And have the animal inoculated against distemper at three months.

We live on the edge of town, have a lot of ground, and want a dog for our children. We like a St. Bernard for its size, disposition, and looks. But a friend told us that St. Bernards have weak legs and that they don't live more than five or six years. —W. W. C., New Jersey.

There's nothing wrong with a St. Bernard. Buy a puppy, then include plenty of bonemeal, cod-liver oil, and a vitamin and mineral supplement in the daily food dish. All large breeds—St. Bernards, Great Danes, Great Pyrenees, Newfoundlands, wolfhounds and the rest—need an ample supply of these calcium sources to help grow their big bones and teeth. You can't beat a St. Bernard for well-balanced temperament, intelligence, companionship, and loyalty.

My dog is 8 years old and getting so fat she can hardly walk. How can I bring her weight down without endangering her health?—Mrs. H. G. P., Virginia.

Cut down on the amount of food a good 25 or 30 percent, and increase the ratio of meat slightly. Then, exercise your pet all you can.



Puss'n Boots adds the PLUS!



Feed this nutritionally complete cat food and see your cat grow healthier

Cats are seldom sick. So it's only natural that their owners may think them perfectly healthy.

But owners tell us that when they begin feeding Puss 'n Boots, they notice a marked improvement in their pets.

That's because Puss 'n Boots, made especially for cats, meets all their nutritional requirements.

It's a scientific diet designed to supply *every* need—to give a glossy coat, bright eyes, strong bones and muscles, pep and playfulness. For an outstandingly healthy pet, feed Puss 'n Boots.

Puss 'n Boots is made of 85% fresh-caught whole fish		
FISH	for	strong tissues, maintenance, growth
Bone	"	strong bones and teeth
Liver oils	"	healthy skin, glossy fur, energy
Mineral salts	"	good blood, nerves, tissue growth
To which are added other carefully selected elements		
Rice Polish	for	good disposition, energy, growth
Corn gluten and ground barley	"	energy
Alfalfa greens	"	healthy skin, regularity
Peanut and linseed meals	"	good eyes, appetite, digestion, steady nerves
Thoroughly cooked in the can – vacuum-packed – safe		

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YOUR FINGERS PRESS the keys of your Hammond Organ and your cares are lost in the music.

You hear the bright notes of the brasses. The woodwinds laugh in a whisper. There's a surge like the swell of a great vocal chorus. A flute sings softly through silver lips.

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Without obligation, send me full details about all models of the Hammond Organ.

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What a dryer can d... for you

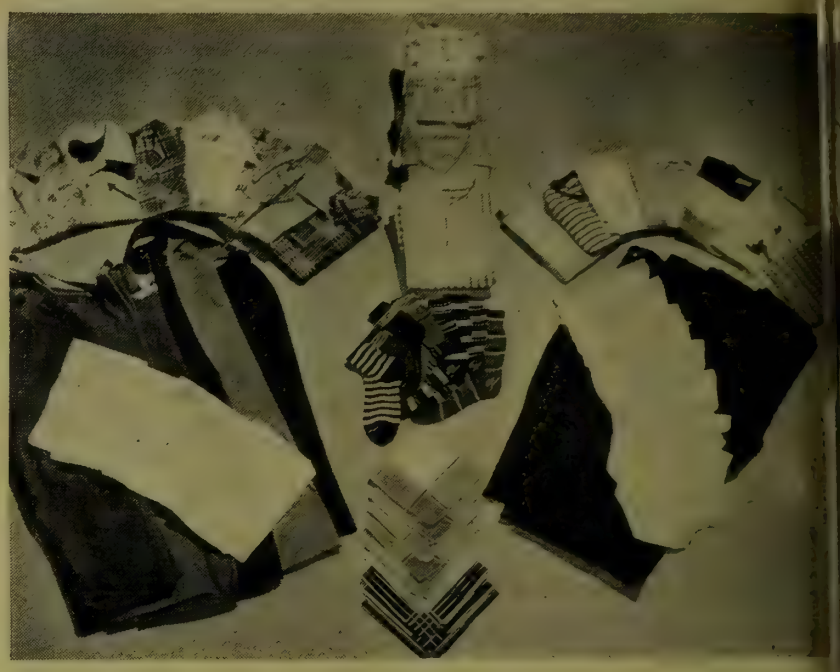
Can garments or linens be used direct from dryer?

Yes, cotton jerseys and knit rayons dry in dryer smooth and in proper shape, with no stretched pin marks. Slipcovers, taken from dryer while they are still steamy, can be put back on the furniture without ironing, and will dry snug and smooth. Rough-textured luncheon cloths and place mat... diapers, seersucker playwear, ar... flannel pajamas from dryer requi... no pressing.

How about bath towels?

Out of the dryer, they'll alwa... be as billowy and velvety as an ide... breeze would make them. A dry... will fluff chenille bedspreads an...

It can cut child's washable wardrobe an...



Dryers save money spent for washable clothing. Here's outfit of 6... year-old schoolboy whose mother washes weekly with no dry...

It can cut family linen supply and save...



Linen supply for average family without dryer is based on a once-a-week laundry day. Here we see a typical family linen closet

r you

Continued from page 70

lts till their patterns show up to t advantage. And a dryer will ke the pile in corduroys or vel- eens thick and soft as new.

w much time will it save?

First estimate the time it takes n to carry the baskets of clothes the line, hang the clothes up, e the clothes down, and tote them back to the house. If you take an hour each week, this means you spend almost seven eight-hour days every year hanging clothes. A dryer saves you that time. If you cut out sprinkling, you'll probably earn at least a half hour more each week. By wearing corduroys, knits, and garments smooth and

[*Turn to next page*

ve money and drawer space



Here's outfit needed by same 6-year-old when mother has a dryer. Dryer cuts wardrobe needs in half because dryer user washes often

much-needed shelf space



With dryer, linens can be cut in half because a dryer quickly replenishes linens. Saves precious storage space as well as money

For the Years to Come



HUNTLEY *Modern*

BLONDE FUNCTIONAL

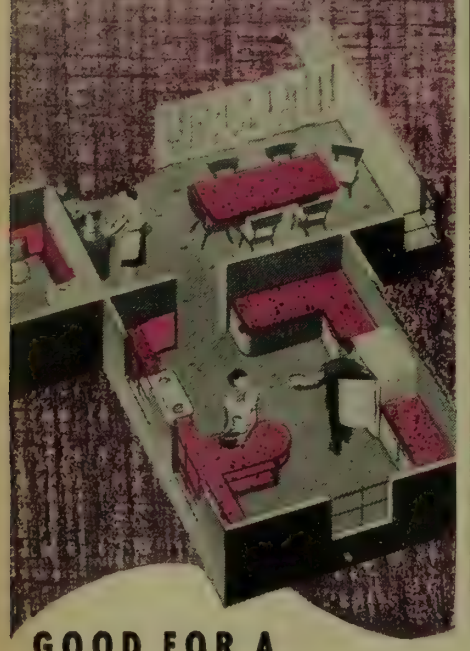
The clean, sweeping lines of this Huntley Modern Bedroom Group are accentuated by the natural blonde V-matched striped Avodire wood—here given a natural toned lacquer wheat finish that lives and preserves. An unseen, but very important, feature is that all drawers work smoothly in any climate, an important mark of good cabinet work throughout . . . but you can see it for yourself at most of the country's better department and furniture stores in February and March.

Booklet on request.

B. F. HUNTLEY FURNITURE COMPANY
Winston-Salem, N. C.
BEDROOM AND DINING ROOM FURNITURE

HUNTLEY QUALITY STANDARD

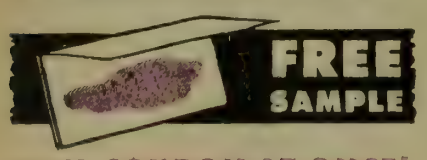
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Building, remodeling and modernizing call for the enduring beauty of colorful *Consoweld* . . . the miracle molded plastic surfacing. For kitchen, dinette, bath, recreation room or nursery . . . *Consoweld* means luxurious-to-live-in, functional, handsomeness.

Practical *Consoweld* is resistant to moisture, heat, alkali and acids . . . wipes sparkling clean with a damp cloth. It's economical, too, because it doesn't require periodic painting or resurfacing. Consult your architect or contractor—see the wide array of smart patterns and sparkling colors at your *Consoweld* dealer.



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Name of your nearest Bldg. Materials Dealer _____

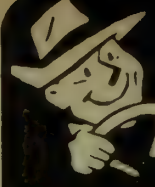
Street _____

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CONSOWELD Plastics Division
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Wisconsin Rapids 1, Wisconsin

Look for the *Consoweld* trade mark on dinette sets and kitchen cabinets made by leading manufacturers.

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Take TUMS wherever you go

Whenever you travel—by car, by plane, by bus, by train — buy Tums first! Tums relieve acid indigestion and heartburn almost instantly. You feel better fast! With Tums, nothing to mix or stir. And Tums contain no baking soda (bicarbonate). So no danger of overalkalizing—no acid rebound. Travel in comfort. Travel with *Tums!*

Night and day, at home or away, always carry TUMS FOR THE TUMMY!



To feel better, try one or two TUMS after breakfast.

QUICK RELIEF FOR ACID INDIGESTION

TEETHING PAINS RELIEVED QUICKLY

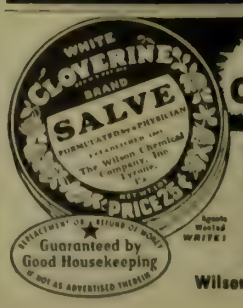


WHEN your baby suffers from teething pains, just rub a few drops of Dr. Hand's Teething Lotion on the sore, tender, little gums and the pain will be relieved promptly.

Dr. Hand's Teething Lotion is the prescription of a famous baby specialist and has been used by mothers for over fifty years. One bottle is usually enough for one baby for the entire teething period.

Buy it from your druggist today

DR. HAND'S
TEETHING LOTION
Just rub it on the gums



For Cracked, Chapped SKIN

Old standby of half a century. White CLOVERINE Brand SALVE, softens and soothes. For surface burns, chafing, sunburn, aching feet, chilblains, 25c at druggist or agent.

Wilson Chem. Co., Tyrone, Pa.

What a dryer can d

fluffy from the dryer, you can cut your ironing in half. Supposing you save an hour and a half ironing time. That brings the total weekly time earned by your dryer to three hours. And, according to a study made by one of the dryer manufacturers, about half the women who own dryers estimate that they *do* save three or more hours every week. Or about 20 eight-hour days each year. Thus a dryer gives you a yearly two-weeks vacation—that leisure time you want.

Will a dryer kill germs?

Yes, its high moist heat kills many bacteria. And one manufacturer has added an ultraviolet-ray lamp which kills other bacteria resisting ordinary heat. Thus a dryer reduces the chance of passing around infections and colds.

Will my linens stay as white?

Yes, maybe more so. Contrary to popular notion, sunshine doesn't keep clothes white. Science tells us that soap curd left in clothes may be oxidized by the sun; this causes clothes to be *more* yellow than when they're dried in the shade. Thorough rinsing and an occasional mild bleach solution keep clothes white better than sunshine. And in the dryer, your clothes are protected from soot, dust, and smoke. Nor do you have a dirty clothesline or clothespins to leave marks.

As for colors, many fade in the sun and stay bright much longer in the dryer.

Will clothes smell fresh?

A group of women were asked to pick out from a mixed bunch of clothes those which had been line-dried and those which had been dryer-dried. They couldn't tell difference.

One manufacturer has adde device in his dryer which produ ozone, or purified air, which gi freshly dried clothes an outdo odor.

What types of dryers are the

There are both electric and models, heat provided by an el tric element or a gas flame. dryers are available for all ty of gas. Electric dryers require 3-wire 220- or 240-volt servi gas dryers need 110- or 120-v line for motor and light.

Both of these dryer types ha insulated cabinets of enamel bak on steel.

Will it dry everything?

Be careful about wool blank and wool garments. The agitati of tumbling in the dryer may ca woolen fibers to mat and shrink. there isn't sufficient breeze ou doors, you may put woolens in t dryer a few minutes before they a completely dry, to fluff them.

Where should I put it?

Place it near the washer a ironing equipment, so that y can wash, dry, and iron in 1-2 succession. If you have a first-flo utility room, or laundry unit your kitchen, you should install vent for carrying steam exhaust from dryer to outside of house. you put dryer in basement, a ve may not be necessary.

Is a dryer hard on clothes?

No. A study made at one un versity showed that terry towe dried in the dryer lost less weigh after 50 dryings than did an equ number dried on the line in th



It can cut ironing in half, if you choose clothes like we picture here. These are direct from dryer—all smooth and ready to wear, fold for the drawer, or hang in the closet—without ironing. Work- and timesaver!

or you

Continued from page 185

nd. Although the clothes tumble out in a heated basket for a ne, there is not the strain of ezing, the stretching caused by nging, and the whipping caused wind. You may worry when you lint from the clothes collecting the dryer's trap screen. Actually tumbling process only frees t loosened in washing. Clothes lose lint on the line, too, only you don't notice it.

What care does a dryer need?

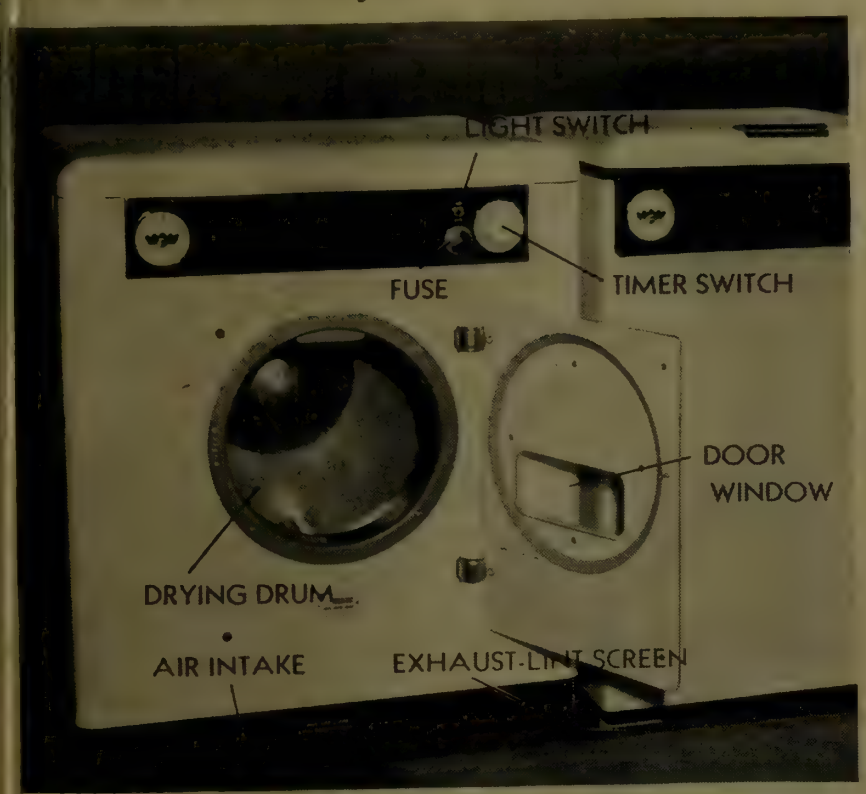
Keep it clean the same way you clean your enameled refrigerator. After each use of the dryer, clean lint catcher and air intake with long-handled brush. No oiling is necessary. Note dryer designs below.

ou can have a gas dryer . . .



Gas dryer is heated by a flame; electricity's required for revolving drum, for light behind door window, and for fan. Timer switch lets you set dryer for any desired drying time. Simple lines are attractive

. . . or an electric dryer



Electric dryer requires 220 to 240 volts, three wires, for heat, drum rotation, fan, and light. Clean-cut design is laundry-room asset

No defrosting

DUAL-TEMP 2-IN-1 REFRIGERATOR

by **ADMIRAL**



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AMERICA'S MOST WANTED REFRIGERATOR! . . . because only DUAL-TEMP offers all these time-saving, food-saving features: Built-in HOME FREEZER *really* quick-freezes at 15° *below* zero. Stores up to 70 lbs. of frozen food safely for months. Huge, MOIST COLD COMPARTMENT never requires defrosting! Keeps food fresh and moist without covering dishes. STERILAMP kills germs, helps preserve food longer. See DUAL-TEMP at your Admiral dealer today!



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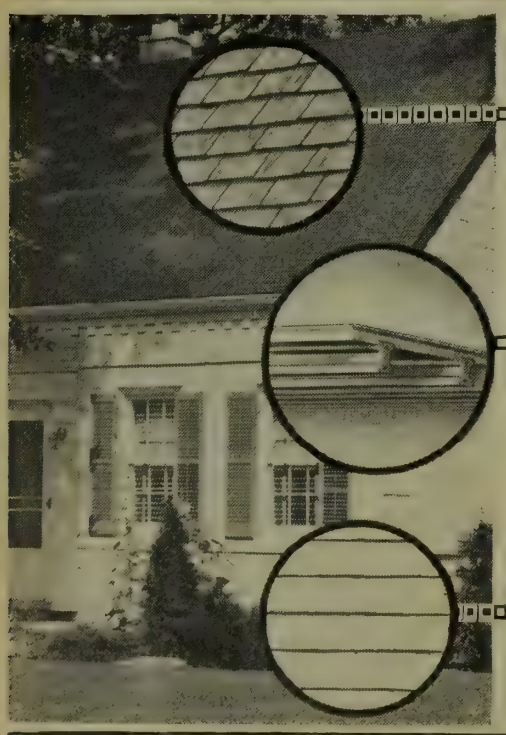
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O'BRIEN PAINTS

For You and your family

A LIFETIME OF *Comfort* AND *Security* IN A CONCRETE HOME



WHY CONCRETE MEANS LIFETIME SATISFACTION

A FIRESAFE ROOF of cement asbestos shingles or concrete tile affords protection against sparks and flames, resists weathering of sun, rain and snow.

CONCRETE SUBFLOORS keep fire from spreading within the house. They're rigid and won't warp, creak, sag or vibrate. They're a perfect base for any floor covering—terrazzo, hardwood, rugs, linoleum, tile.

CONCRETE WALLS are durable and firesafe. They can be finished attractively in many ways—patterned masonry, textured portland cement stucco, white or colored portland cement paint.

HOW TO GET A CONCRETE HOUSE
. . . and what will it cost?

Phone a local concrete masonry manufacturer for names of architects and builders experienced in concrete house construction. They know conditions in your community and can tell you about plans and costs.

Take any plans or sketches you have to an architect. Have him show you how your home—of any size, style or floor plan—can be economically built with concrete walls, subfloors and a firesafe roof.

Architect-Designed Houses Stay Young Longer



HOME! What dreams that word conjures—what visions of a charming haven of comfort and security for loved ones!

These visions come true when you build your house with concrete, for concrete walls and subfloors and a firesafe roof bring you—

LIFETIME COMFORT in a house that's warm and dry in winter, cool and dry in summer because it is weathertight and easy to insulate effectively with a wide variety of materials.

LIFETIME SECURITY in a house that protects your loved ones and cherished possessions because concrete can't burn. Concrete also defies wind, weather, decay and vermin.

LIFETIME HOUSING ECONOMY in a house that is moderate in first cost, that lasts a lifetime, that costs little to maintain. That's ***low-annual-cost*** shelter. Yes, it costs less to live in a concrete house.

LIFETIME CLEANLINESS in a house that makes housekeeping a pleasure because it's easier to keep clean.

You can build your concrete house in any architectural style, size or floor plan. Write today for free illustrated booklet, distributed only in the U. S. and Canada.

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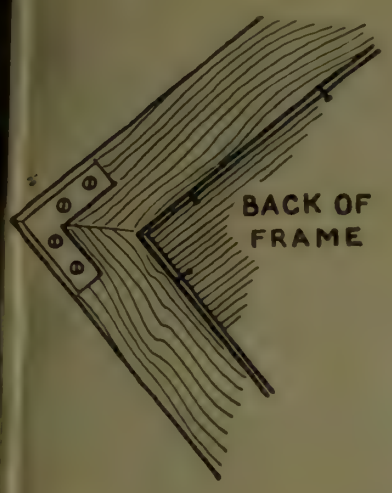
A national organization to improve and extend the uses of portland cement and concrete . . . through scientific research and engineering field work



"Anyone on your side of the family ever have triplets?"

How-to for the handy man

Continued from page 133



Repairing picture frames

You can easily and quickly repair old mirror and picture frames when they come apart at the corners.

Buy four identical L-shaped mending plates, or cut them from medium heavy tin. Then, with small screws, fasten one plate on each corner of the back of the frame.

Before fastening, drive the wood pieces together as tightly as possible. Be sure that your screws are short enough so they won't come through to mar the front side of the frame. *Herbert E. Fey, New Braunfels, Texas.*

Soldering copper

Copper, brass, and other copper-base alloys can be readily soldered either with an electric iron or a blowtorch. The capillary attraction of the melted solder causes it to flow into the joint spaces of non-ferrous metals to form a rigid joint on cooling. Tests at the United States Bureau of Standards show that soft solder with tin-lead (50-50) and tin-antimony (95-5) alloys are satisfactory to use for such soldering purposes. *Copper and Brass Research Association, New York.*

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give you

beautiful, modern closets that hold twice as much—

without structural changes





K-VENIENCES are quickly and easily installed with only a screwdriver!



Double closet capacity, keep everything within easy reach!



Save pressing bills, keep skirts and trousers looking like new!

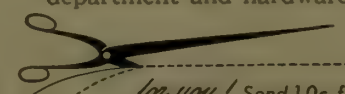


Fit any size, shape or type of closet . . . make special closets more practical and convenient!



K-VENIENCES beautify your closet . . . are fashioned in gleaming streamlined chrome.

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for you! Send 10c for "How to Make the Most of Your Closets" by famous authority Helen Koues, and a FREE copy of colorful new booklet of closet ideas and equipment. Write today.

KNAPE & VOGT MANUFACTURING CO.

DEPT. B29 GRAND RAPIDS, MICH.

Recipes from Hawaii

Continued from page 94

or in a wooden bowl or a basket, and group small shells or dishes of sauce around it. You'll want a good catsup or chili sauce, a dish of soya sauce, perhaps some Chinese mustard, and a Sweet and Sour Sauce. To make **Chinese Mustard** just stir 6 tablespoons boiling water into 2 tablespoons dry mustard. Add ½ teaspoon salt and 2 teaspoons salad oil; if it's not yellow enough add some turmeric.

Fried rice is another dish that takes day-before preparation. In fact you have to use cold, cooked rice. It isn't Chinese Fried Rice if you don't. A pretty way to serve this is to drop bits of pimiento and green pepper in the bottom of a small custard cup or Chinese teacup, press in the hot rice and turn out on a dinner plate or serving platter.

Chinese Fried Rice

- ½ cup finely diced ham, cooked chicken or pork
- 2 tablespoons peanut or salad oil
- 1 3-ounce can broiled mushrooms, sliced
- 1½ tablespoons finely chopped green onion
- 1 quart cold, cooked rice
- 2 to 3 tablespoons soya sauce
- 1 well-beaten egg

Fry meat lightly in oil, add mushrooms, green onion, rice, and soya sauce. Continue to cook over low heat 10 minutes. Add egg. Cook 5 minutes, stirring frequently. If darker color is wanted, add more soya sauce. Serves 6 to 8.

Sweet and Sour Sauce

- 1 cup sugar
- ½ cup distilled vinegar
- ½ cup water
- 1 tablespoon chopped green pepper
- 1 tablespoon chopped pimiento
- ½ teaspoon salt
- 1 teaspoon paprika
- 2 teaspoons cornstarch
- 1 tablespoon cold water

Combine sugar, vinegar, ½ cup water, green pepper, pimiento, salt, and paprika. Boil 5 minutes. Blend cornstarch and water; add to syrup and cook until thickened. Cool and strain. Just before serving add a few bits of bright pimiento and a little finely chopped parsley for color.

[*Turn to next page*

BETTER HOMES & GARDENS



"Well, you wanted a house near transportation—"



Housewives everywhere use these marvelous refrigerator bags to preserve foods—keep them fresh, crisp—to seal in flavor, prevent spread of odors. You'll find they quickly pay for themselves in food you don't throw away. **Genuine, original** Handi-Bags are bigger, made of heavier, more perfectly-sealed polyethylene plastic than other bags you might buy, and they come equipped with good metal closing clips. **Accept no substitutes.** Here's what you receive for $1.00—(notice the large sizes):

1—14″x21″ bag for turkeys, roasts
1—14″x18″ bag for fruit, vegetables
1—8½″x18″ bag for celery, etc.
1—8½″x15″ bag for cheese, fish
2—8½″x12″ bags for butter, chops

Genuine Handi-Bags are generally sold by women raising money for highly deserving clubs and church organizations . . . **they are not sold in stores.** It will pay you to buy a set the next time a friend solicits you. If no club or group near you sells Genuine Handi-Bags use the convenient coupon below.

☐ Please tell me how my group can raise money selling Handi-Bags.

☐ Please send me your latest catalog of many fine household items.

☐ Enclosed find $1.00 for a full set of refrigerator bags. I understand they will be shipped prepaid and my money will be refunded if I am not satisfied. (No C.O.D.).

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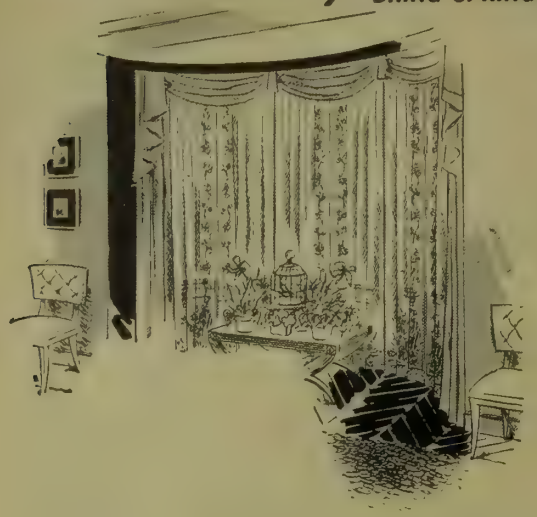
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A.M.G. PRODUCTS CO.

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Makers of Wilbarry Lace Dinner Cloths



Women who've made a comparison say:

Here's the Cook Book that's most helpful

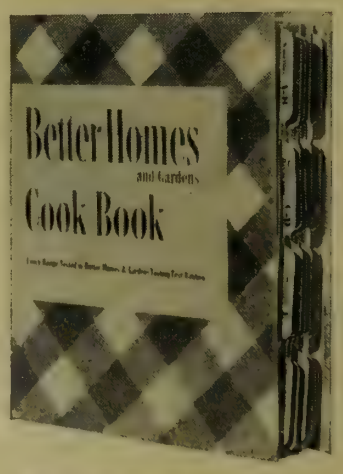
In a recent survey, women who own the *Better Homes & Gardens Cook Book* and at least one other cook book were asked: "If you could have only one cook book, which would you choose?"

Four out of five said: "*Better Homes & Gardens Cook Book.*"

In short, once they use it, four out of five women find *Better Homes & Gardens Cook Book* is the most helpful—the one they want above all others.

The new edition contains over 1,000 recipes, each triple-tested by our food editors. Loose-leaf, easy to add punched recipe pages every month. Handsome washable cover.

Are YOU using it? If not, be sure to get a copy—and enjoy all its advantages yourself.



Get your copy today, only $2.75 (Canada $3) at leading book and department stores—or order from 6202 Meredith Building, Des Moines 3, Iowa.



"We felt the need for quick energy"

Recipes from Hawaii

Continued from preceding page

No Hawaiian party is complete without a punch. The punch should have zip, good flavor, but not be too sweet. Here's a recipe guaranteed to quench thirst without slowing down anyone's capacity for good food. Fresh berries or sliced fruits can be added last, or small gardenias floated on top.

Trader Vic's Puka Punch
(pronounced pooka)

- 2 cups orange juice
- 2 cups lemon juice
- 2 cups grenadine
- 10 cups chilled ginger ale

Mix fruit juices and grenadine and pour over a block of ice to chill. Just before serving add ginger ale and fresh berries or sliced fruit in season.

Pineapple on Ice

For an easy Hawaiian appetizer or dessert—fill a bowl with crushed ice to hold cubes of pineapple. Stick pineapple on gay cocktail picks for easy handling. See photograph, page 62.

For more ideas on tropical parties, read *Trader Vic's Book of Food and Drink.*

Aside from chow mein in its many forms, Chicken Almond is perhaps the most popular of all Oriental dishes.

Chicken Almond

- 2 cups finely sliced raw breast of chicken
- 4 tablespoons peanut or salad oil
- 2 cups diced bamboo shoots (¼-inch squares)
- 2 cups diced celery
- 1 cup diced bok choy (Chinese chard)
- 1 cup sliced water chestnuts
- ½ cup blanched almonds
- 2 tablespoons soya sauce
- Salt to taste
- 2 teaspoons Chinese flavoring powder
- 3 cups chicken stock
- 4 tablespoons cornstarch
- ½ cup cold water

Fry the chicken in the oil in a preheated, heavy, large pan; add rest of ingredients and mix thoroughly. Cover and steam 5 minutes, then remove lid and thicken mixture with the cornstarch blended with cold water, stirring constantly. Serve immediately, garnished with extra almonds. *Note:* High heat and quick stirring are essential. The secret is to avoid overcooking.



Mince a little onion into ground beef. Pan-broil. Then—to make it fare for *epicures*—add a dash of Lea & Perrins Sauce! Here's hamburger that's *zestier*—more *delicious* than you've ever tasted! You'll thank that tangy Lea & Perrins *flavor!*

LEA & PERRINS *Sauce*
THE ORIGINAL WORCESTERSHIRE
A favorite for over 100 years

FREE! *Recipe Book. Write Lea & Perrins, Inc., 241 West St., New York 13, Dept. B2.*





Green Beans With Soya Sauce

Green beans take on new and individual flavor when served with soya sauce and butter. Cook frozen, Frenched green beans according to the directions on the package and just before removing them from the heat toss lightly with butter and ¼ cup heated soya sauce. Let simmer and serve.

Pineapple Spareribs will make a big hit so better make plenty. You can precook the ribs the day before but the deep-fat frying and glazing should be done just before serving time.

Pineapple Spareribs

4 pounds spareribs (cut in 1½- to 2-inch pieces)
2 quarts water
½ cup vinegar

Heat water to boiling; add vinegar. Add ribs; cover until water begins to boil again; uncover; simmer 15 minutes. Drain. Cool. Mix the following paste in a large bowl, add ribs and rub around in sauce, so each is well coated.

Sauce

1 cup cornstarch
¼ cup soya sauce
¼ cup dark molasses

Fry ribs in deep hot fat (375°) until dark brown. Keep fat very hot while cooking ribs. Use large pan and fry only a few minutes. Set aside until ready to glaze with following syrup:

½ cup sugar
¾ cup vinegar
¾ cup water
¾ cup pineapple syrup
1½ green peppers, cut in 1-inch cubes
1 No. 2½ can sliced pineapple, cut in 1½-inch pieces

Combine ingredients in large pan and heat to boiling. Add meat to hot syrup, cover, and simmer 30 minutes, until meat is glazed and tender. Add green peppers and pineapple and serve.

Time to renew your subscription?

Make sure that you will receive all copies of *Better Homes & Gardens*, by mailing your renewal at least two months before your present subscription expires.

You can find the expiration date of your subscription in the address label stamped on the back of your copies. If the numbers at the right-hand end of the line above your name read "4-49," for example, the last issue under your subscription will be April, 1949.

Just send your payment for $4 for two years or $5 for three years, along with a clipping of your address label, to *Better Homes & Gardens*, Des Moines, Iowa.



At Vermont maple sugar season in the 1850's young folks loved to invade the sugar camp and enjoy "sugar-on-snow."

Feast on this real maple sugar flavor

Folks back in 1850 loved their maple syrup. But they missed what we give you in Vermont Maid Syrup—uniform quality flavor, year after year.

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Vermont Maid
Syrup

Civilization

An aviator whose engine failed in the Arctic was fortunate enough to land without injury near an Eskimo village.

There he purchased a sledge and dog team and hired a guide to show him the way back to his base.

Wishing to look like a real sourdough, the aviator, remembering the movies he had seen, shouted loudly to the dogs, "Mush, mush, mush!"

The dogs didn't move.

Turning to the guide, the aviator said: "You guide feller, why husky no move when me say 'um 'Mush'?"

"My dear fellow," retorted the guide, "we Eskimos love our dogs and share our favorite hot cereal with them at breakfast. If you expect to interest them, you'll have to say 'hot Grape-Nuts Wheat-Meal!' "

Advertisement



Sturdy, perfectly balanced. Made to stand hard usage. Easy to clean. At all kitchenware outlets. Replacement guarantee.

Indoor travel

Try it for trying days

By Dorothy Dill Mason

I ALWAYS used to dread the coming of bad weather that confined the children to the house.

Then one morning I brought out an armful of old magazines, several pairs of scissors, and an inexpensive scrapbook.

"Why don't you go on a trip?" I asked my two disconsolate offspring.

"In this awful weather?" my daughter exclaimed.

"Weather doesn't bother a make-believe trip!" I said. And then I explained how they could "travel" via magazine pictures and keep a scrapbook of their adventures.

They started out with a new car. Gary took his time leafing through the magazines, gazing raptly at one shiny new dream after another. He finally settled on a luxurious station wagon, cut it out, and pasted it on the front page of the scrapbook.

Judy found an advertisement for camping equipment for the next page.

They couldn't resist a circus picture. "While we are driving through the country, we stop to see this circus in a small town."

AFTER the circus, they stopped at a restaurant and ate an excellent picture of strawberry shortcake (out of season). Brother got so interested in nourishment that he filled several pages with luscious apple pie, chili and tamales, and steaming baked ham.

Sister found a hotel just as it began to get dark. Its lobby was impressive.

A picture of a streamlined luxury train intrigued them, so they stored their car at a local garage (picture of the garage), and went on with their travels by rail. The deserts of Arizona unfolded before them, and that night they had an excellent view of the Grand Canyon from their window. As they studied this picture, they wanted more information. I got out our encyclopedia and read them the material on the Grand Canyon.

BEFORE we knew it, the dreary day was over. That night as they told their father about their trip, no onlooker could have guessed that it hadn't been real.

The next time the weather pinned them down, out came the magazines and scrapbook, and their "travels" continued.

More and more the encyclopedia has come into use as they journey through new cities, find places of scenic and historic interest.

"Chicago?" I heard my son say to an awed playmate one day. "We went through a big meat-packing plant there yesterday."

And the next time they "traveled," the playmate went along.

A Better Homes & Gardens child care and training feature

DRINK
Heart's Delight
California
APRICOT
NECTAR



Heart's Delight
WHOLE FRUIT NECTARS
APRICOT · PEACH · PEAR
YOU'LL LIKE ALL THREE!

No other fruit drinks like these "Juicidrinks"! Made from fresh, ripe California fruit especially selected for nectar use! Distinctively delicious and healthful as beverages and in punches, salads, sauces, dressing, sherbets, desserts.

APRICOT NECTAR BLANC MANGE

3 tablespoons corn starch
3 tablespoons sugar
¼ teaspoon salt
½ teaspoon lemon juice
½ cup milk
1¾ cups apricot nectar
1 egg, beaten
2 drops almond extract

Combine sugar, corn starch, salt, milk, lemon juice. Slowly add apricot nectar. Heat to boiling over direct heat and then boil gently for 1 minute, stirring constantly. Slowly add this apricot sauce to beaten egg; mix well. Return to heat, continue cooking 1 minute. Fill sherbets or dessert dishes and cool, covered. Serve with chocolate sauce if desired. Makes 2 cups or 6 servings.

TRY THE TESTED RECIPES ON BACK OF EVERY LABEL!

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You get all the lumber cut to fit by fast machinery production line methods—marked and numbered, ready to erect practically without the use of a saw; also siding, flooring, trim, all millwork, doors, windows, glass, hardware, nails, roofing, paint and complete drawings with instructions. During the past 40 years many Aladdin home buyers have erected their own homes.

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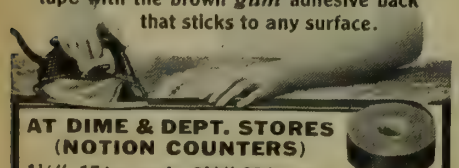
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1½", 15¢ a yard. 2¼", 20¢ a yard.

MADE IN 12 COLORS

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Or mail remittance with rug raveling for color (no C. O. D. please) to GILMAN B. SMITH CO. 917 Broadway, New York 10, N.Y.

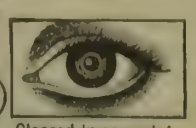
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SAFELY Relieves Your TIRED, SMARTING EYES In SECONDS!

Just two drops of EYE-GENE — presto! eyes tired, irritated from wind, over-work, glare or smoke—are cleared, refreshed and rested in *seconds!* Use EYE-GENE every day. It's gentle and safe. 25¢, 60¢, $1 bottles at Drug Stores.



Dull morning look...



Cleared in seconds!

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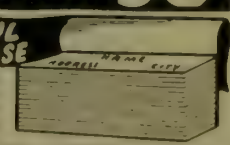
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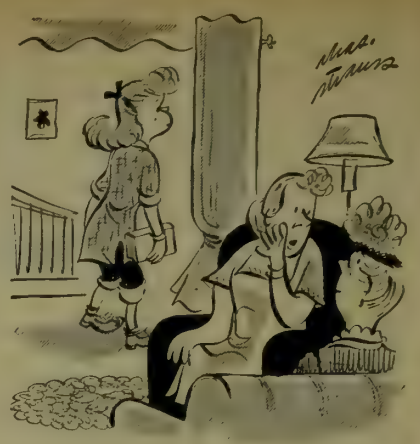
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"She's at the difficult age—one minute she's composing sonnets and the next she's out playing second base."

Cherry desserts

Continued from page 90

tossing with fork until mixture holds together. Roll ⅛ inch thick. Fit into 8-inch piepan. Crimp edge. Roll remaining dough ⅛ inch thick and cut into ½-inch strips for lattice top.

Ham Logs With Cherry Sauce

- 1 pound ground smoked ham
- ½ pound ground pork
- 1½ cups soft, fine bread crumbs
- 1 well-beaten egg
- ½ teaspoon dry mustard
- ¼ cup brown sugar
- 1 teaspoon prepared mustard

Combine ham, pork, bread crumbs, egg, and mustard; mix well. Shape in logs and place on shallow pan. Combine brown sugar and mustard. Spread over top of logs. Bake in moderate oven (350°) 45 minutes. Serve with hot **Cherry Sauce:** Combine 2 tablespoons cornstarch and ½ cup sugar; add 1 No. 2 can (2½ cups) red sour cherries. Cook over low heat until thick and clear, stirring constantly.

Maraschino Cherry Cake

- 2¼ cups sifted cake flour
- 3 teaspoons baking powder
- ½ teaspoon salt
- 1⅓ cups sugar
- ½ cup shortening
- ¼ cup maraschino cherry juice (from 5-ounce bottle)
- 16 maraschino cherries (cut in eighths)
- ½ cup milk
- 4 unbeaten egg whites (½ to ⅔ cup)
- ½ cup chopped California walnuts

Sift together flour, baking powder, salt, and sugar. Add shortening, cherry juice, cherries, and milk. Beat vigorously 2 minutes. Add egg whites. Beat 2 minutes. Fold in nuts. Pour into 2 round waxed-paper-lined 8-inch layer-cake pans. Bake in moderate oven (350°) 30 to 35 minutes. Frost with Fluffy Frosting; decorate with maraschino cherry halves.

Fluffy Frosting

- 1 cup sugar
- ¼ teaspoon cream of tartar
- ⅛ teaspoon salt
- 1 tablespoon light corn syrup
- ⅓ cup water
- 1 egg white
- ¼ teaspoon vanilla extract

Bring sugar, cream of tartar, salt, corn syrup, and water to boiling; cook until sugar dissolves.

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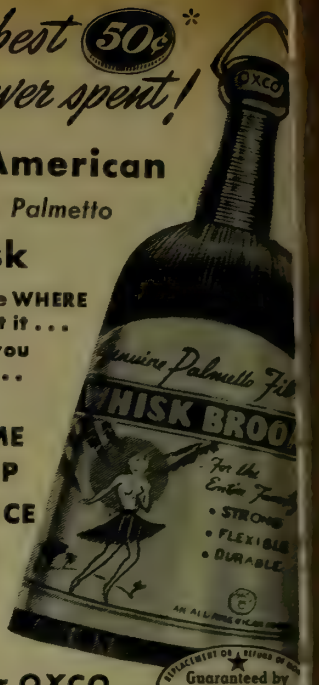
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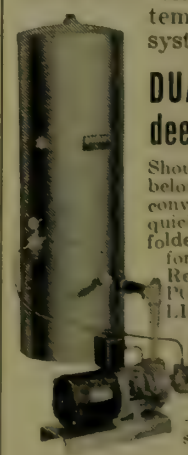
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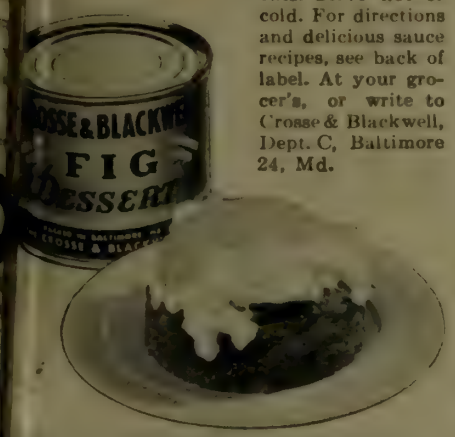
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Add to unbeaten egg white, beating constantly with rotary or electric beater until frosting is of spreading consistency. Add vanilla.

Cherry-Side-Up Cake

⅔ cup sugar
2½ tablespoons cornstarch
1 No. 2 can (2½ cups) red cherries, drained
⅓ cup shortening
½ cup sugar
1 egg
½ cup all-bran
1 teaspoon grated orange peel
1¾ cups enriched flour
½ teaspoon salt
2 teaspoons baking powder
¼ teaspoon soda
½ cup orange juice
¼ cup milk

Mix sugar and cornstarch; add cherry juice; cook till clear. Add cherries; pour into greased 8-inch pan. Cream shortening and sugar; add egg; beat. Add bran and orange peel. Alternately add sifted dry ingredients and liquids. Pour into pan. Bake in moderate oven (375°) 40 minutes.

Cherry Hats

2½ cups enriched flour
1 teaspoon salt
¾ cup shortening
5 to 6 tablespoons cold water

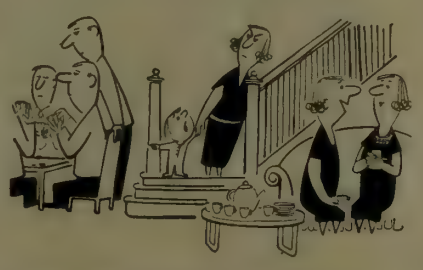
Sift together flour and salt; cut in shortening until mixture is size of small peas. Slowly add water, mixing and pressing ingredients together until dough just holds together. Roll on lightly floured surface. Cut in circles for hats. (See "How to make cherry hats," page 90.) Makes 8 hats. Fill tart shells with **Cherry Filling:** Combine 1 cup sugar, 6 tablespoons enriched flour, ¼ teaspoon salt, and 1 cup cherry juice. Cook until smooth and thick, stirring constantly. Add 2 No. 2 cans red sour cherries, drained. Remove from heat; add ¼ cup butter or fortified margarine. Cool. Pour into cooled, baked tart shells. Makes 8 tarts.

Mount Vernon Jelly Roll

4 egg yolks
¼ cup sugar
½ teaspoon vanilla
4 egg whites
½ cup sugar
¾ cup cake flour
¼ teaspoon salt
1 teaspoon baking powder

Beat egg yolks until thick and lemon-colored; gradually beat in ¼ cup sugar and vanilla. Beat egg whites until almost stiff; gradually add remaining ½ cup sugar and beat until very stiff. Fold yolks into whites, then add sifted dry ingredients, folding in carefully. Bake in waxed-paper-lined 10½- by 15-inch jelly-roll pan in moderate oven (375°) 12 minutes. Loosen sides and turn out onto towel sprinkled with confectioners' sugar. Remove waxed paper. Trim crusts. Roll quickly with fresh sheet waxed paper on inside of roll. Wrap in sugared towel; cool. Unroll, remove paper; spread with cherry jelly. Roll again—decorate with maraschino cherries.

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TRADE YALE MARK

YALE HARDWARE—SIGN OF A WELL-BUILT HOUSE

We chose a farmhouse

replaced the three rooms on the first floor. And the big room was then designed into *areas*.

The indoor-outdoor feeling is enhanced by a glass door leading to a porch overlooking lawn and creek, which is dammed to form a wading pool for the children. The porch follows two sides of the house and is partly roofed to provide shade in summer and a sun trap in winter. The expanses of window eliminate any cramped feeling, but we can have coziness as soon as we pull the draperies.

AFTER analyzing our living habits we decided that a bedroom was a luxury for sleeping and dressing only. The function of sleeping combines with that of lounging, and the function of a dressing room combines with that of a bathroom. So we made twin beds into lounges in the living area, using linen compartments as back rests. The upstairs provides sleeping space and closets for three children and guests.

A lean-to that we added at the rear for the bathroom is large enough to serve as a dressing area for our family of five. All walls were adapted to storage, with a large double closet for our clothes, and three low cupboards for the children, the top of which forms a fine surface for folding laundry and changing the baby.

IT SEEMED logical to combine laundry with dressing also, especially with three small children, so our washer is in the 9x14 bathroom. Here we can undress, put our soiled clothes in the washer, bathe, and dress without leaving the room. An outside door from the bathroom opens directly into the laundry yard.

The kitchen is concealed from the living area by a projecting partition which forms an L-shaped work area. Here also is a nook that will seat five for breakfast and lunches. More formal meals take place in the dining area of the main room, offset far enough so diners don't have to look into the kitchen.

Play areas are in the loft upstairs, where the lower part of the walls is gray blackboard paint, and in the dining area where carpeting was omitted for freedom of movement. Play also is encouraged at the nook table



Sleeping and lounging take place in one corner. Back rests under the windows double as linen storage compartments and bookshelves. Windows are large barn sash; most are fixed, but some tilt out for ventilation

Begins on page 46

where I can supervise painting, drawing, clay modeling, and pasting, and where children can supervise cooking without being underfoot.

Utility storage is provided by a large closet off the kitchen under the stairs. The old barn serves as garage, play shed, and workshop. The pump house holds garden tools and canned goods.

SOMEDAY we hope to go ahead with our original plans to build a fine house where our present home now stands. But if economic conditions keep us in our small home indefinitely, the upstairs will become a study and hobby center for the children, with beds turning into couches.

There are times when I feel I would never like to move to a brand-new house and leave our old intimacy behind. Small children deserve to feel they are a vital part of the family, and in our arrangement we are closely knit. Still we respect one another's interests. There are floor spaces for romping, and the children take pride in the neatness of our all-purpose room. They pigeonhole their toys and clothes routinely when dinner and bedtime approach. We parents can dine alone, yet still keep an eye on the young, so we feel no lack of privacy. And there is one great advantage in our open plan: we have a house that can adapt itself to the demands of our growing children.



Bath-dressing room has full-length closet for our clothes, low cabinets below counter for children's clothes. Copper-colored cabinets above counter are for bathroom supplies and linens. Rest of room is white



Play area centers around dining table. Shelves in table base are for toys. Table top is removable—finished on the dining side with varnish, left plain on the underside for drawing, painting, pasting, and cutting



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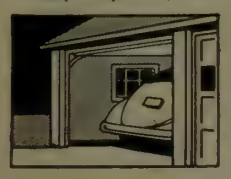
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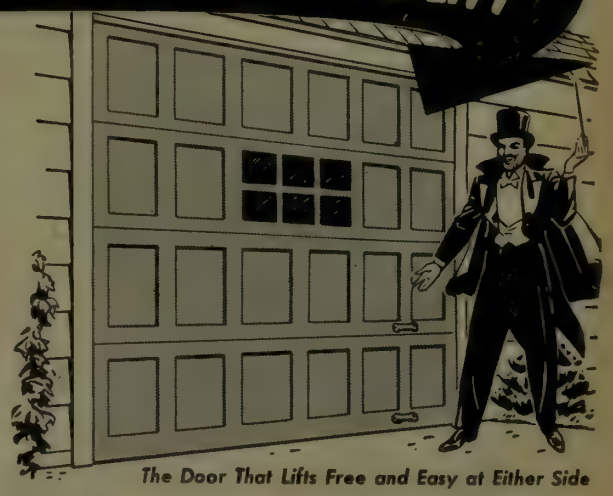
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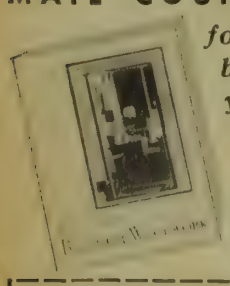


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We chose a barn

Begins on page 48

tried to keep it as much like a barn as possible—even to the red paint.

The original sliding barn door now is between the living room and the dining room. The drop-down serving bar between the dining room and kitchen is the panel through which feed was dropped to the horses. The floors are the original wide, two-inch-thick boards over which the carriages rolled.

WE BUILT an eight-foot fieldstone fireplace along the north wall of the living room; its mantel was cut from one of the main cypress beams. With the exception of the kitchen, the entire downstairs is finished in knotty pine.

We did all the interior decorating ourselves. It seemed like an endless, paint-spattered job, but we're proud of the results. Wallpapering and floor-sanding can be a pleasure when only a small dent is made in your pocketbook. We did the landscaping in our spare moments.

Our job is not finished—not by a long shot: We've a million ideas and extension plans. But we've achieved our primary purpose—a home for ourselves and 3-year-old "Butch"—John III. And we kept the cost under $8,000.

It can be done!



Original barn's sliding door now serves between living room and dining room. John's hobby is woodworking, and it paid off in the bookshelves (right) and corner cupboard (through the door) which he cut on his jigsaw



Low ceilings and stained knotty-pine walls lend a cozy atmosphere to the dining room. The original wide, two-inch-thick boards were left untouched as finished flooring. We painted old furniture bright yellow

More on next page

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Here's the loft from which we pitched hay to start remodeling. Slope of roof allows sliding-door closets along entire width of bedrooms—a homeowner's dream! We did the wallpapering and decoration ourselves



Sloping roof of the hayloft again came in handy in the bathroom, where it left room for a storage cabinet under the eaves. Like most of the downstairs rooms, the bath is paneled in knotty pine

Here's an idea!



Photograph: Gimbels

Map-lined study

MAKE a small study seem larger by papering a wall or two with maps. You can broaden the room's horizons to the far corners of the world. Leave other walls plain to focus attention on the maps. You might also try this in the room of an adventure-minded young man.



FEBRUARY GARDEN GUIDE



In all sections:

- Test germination of seeds left from last year.
- Guy crooked evergreens.
- Install needed draintile.
- Plan your vegetable garden.
- Remove tree limbs that are obstructing window views.
- Force cut branches of flowering shrubs into bloom indoors.
- Repot root-bound house plants.

SOUTH

Feed roses heavily—at least 5 pounds of plant food for each 100 square feet of bed. Dust or spray roses at the first sign of new growth.

Plant shrubs, roses, and other nursery stock without delay; the planting season for them closes soon.

Feed trees and shrubs which are already established. The plug method is best for large shrubs and trees, broadcast and soaking for smaller shrubs.

Feed your lawn heavily—100 pounds pulverized sheep manure or 50 pounds complete plant food for each 1,000 square feet. Plant bluegrass and lawn-grass mixtures in the Middle and Upper South as weather and soil conditions permit; sow Bermuda grass only in southern Florida.

Plant annuals: tender ones in middle and southern Florida, half-hardy annuals along the Gulf and Atlantic coasts as far north as Charleston, hardy annuals in the Middle and Upper South.

—W. Elbridge Freeborn

TEXAS-SOUTHWEST

Spray fruit trees before buds start growing. Spray tulips for aphids as soon as they are well up.

Remove old canes and deadwood from berry bushes.

Divide Shasta daisies, daylilies, and perennial phlox if weather permits. Divide heleniums and salvias a little later, in late February or early March.

Feed crape myrtle heavily for abundant summer bloom.

Sow poppies, clarkia, snapdragon, and larkspur if you haven't already done so, but don't expect them to bloom quite as soon or as vigorously as those planted last fall or even last month. Plant nasturtium seed, remembering that they prefer a soil that isn't very rich.

Water the lawn and flower beds if weather has been dry. And while the hose is out, soak down the compost heap to speed its decomposition.

—Marian Price Scruggs

CENTRAL-EAST

Apply dormant spray to shrubs and trees during the later part of the month on clear days when the temperature is above 40 degrees; a freeze before the spray is dry may damage plants. Cover plants with a fine mist; don't drench them.

Apply 2,4-D weed killer if there is a pleasant spell in the winter weather. Treat lawns heavily infested with crabgrass with arsenate of lead, 10 pounds per 1,000 square feet. Fertilize lawn and sow grass seed on days when there is no snow and the grass is dry.

Start pruning now. Take grapes first because they may bleed if pruned later in the spring. Prune hardiest plants now, the tender ones later.

Move large trees too difficult to handle in the fall. After moving large evergreens, trim at once to reduce evaporation and build a windbreak if new location is windy.

Plant sweetpeas as soon as you can get on the ground. Snapdragons, petunias, larkspur, and other slow-growing annuals should be started indoors.

—Harvey Bicknell

PACIFIC NORTHWEST

Set out new shrubs, trees, and roses whenever the ground is free of frost and dry enough to be worked. Finish pruning fruit trees and then spray with dormant spray if you haven't already done so this winter.

Transplant rooted cuttings of Japanese anemone and phlox when the first leaf appears; put each plant in a 3-inch pot and place in coldframe. Also repot house plants such as sansevieria and aspidistra, using a heavy soil to which a little sand and bonemeal has been added.

Prepare plots for vegetable gardens by deep digging and plant food and compost. Sow dwarf peas, carrots, and onion sets in areas near the ocean if weather permits.

Repot fuchsias which flowered last year, cutting back the branches about one-third to stimulate branching and blooming.

—Ada V. Turner

CALIFORNIA

Start tuberous begonias by placing bulbs on a layer of moss to sprout. Then plant in a roomy pot with soil at least half leafmold. Other bulbs to plant are zephranthes, tigridias, ranunculus, montbretias, anemones, and black callas.

Reseed bad spots on lawns, feed with high-test plant food, and spray with 2,4-D to kill weeds.

Plant vegetables like beets, carrots, peas, radishes, and lettuce, but wait until later for warm-weather vegetables like tomatoes, melons, and beans which want warm soil.

Plant shrubs and roses; delay means less vitality.

—Alfred C. Hottes

once again...IT'S TIME TO FEED VIGORO*



Let early thaws

... and spring rains





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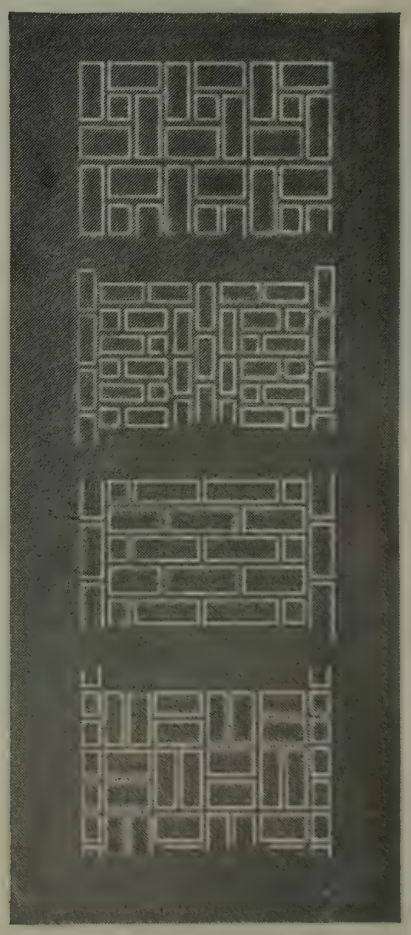
By Clifford Rhodes

YOU don't need special equipment or skill to build yourself a good garden path. Attention to these simple know-hows will make you a successful path maker. But first, ask these questions:

1. Will the path be used all year and in all kinds of weather?
2. How much daily traffic will it have to carry?

Heavy, all-weather traffic on a path rules out grass, tanbark, pine needles, cinders, and gravel, also unmortared brick or stone for areas where snow can be expected. Blacktop, concrete, and mortared bricks and stones are better in cold climates.

If your path is merely part of your garden design, or is likely to be used only in the garden months, a choice from the first list usually will prove best. These materials blend into a garden setting best, both in color and texture.



Easy-to-lay brick patterns

Pointers for path makers

1. Level the ground and thoroughly wet down all filled places so they won't settle later. Tamp the entire area. You can make a tamper by spiking a 6x6 piece of planking on the end of a 2x4 cut to convenient working height for you.

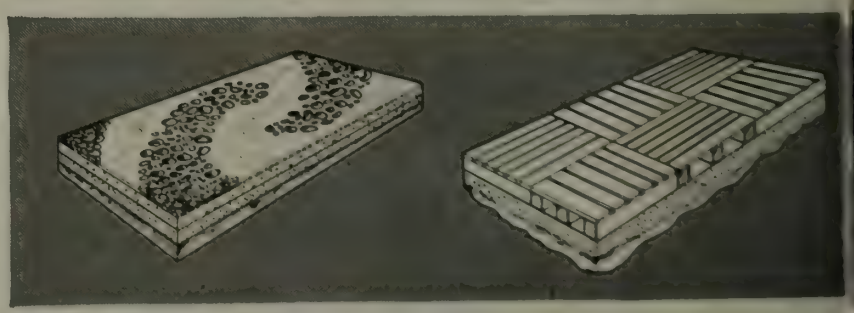
2. If drainage is poor in your soil, excavate enough to permit adding a 4-inch layer of cinders or gravel and tamp well.

3. Use boards, held in place by stakes, as guidelines to help keep the edges of your path straight and the surface level.

4. Make your main paths 4 or 5 feet wide, others 2 to 3 feet. These are the minimum widths; allow more if your garden is big.

5. Never locate a path close to a large planting likely to crowd out onto it.

6. Use only sand bricks, not wire-cut bricks or others made for fireplaces or house walls. Stones must be weathered, not freshly cut, or they're likely to scale off when exposed to freezing winter weather.



Swirls of many kinds are within the skill of the amateur path man. Push the colored pebbles into the concrete after it has started to set. To play safe, practice your swirl making on a small area before you tackle a wider path

Wooden strips, soaked overnight in a wood preservative solution, can be nailed together in patterns, as shown, then laid directly on the sand. You get at less cost a garden flooring as serviceable as one of brick or stone

Photograph: Tatch



nmortared bricks are the gardener's favorite paving. They are easy to lay in variety of patterns. You simply lay the bricks directly on a bed of firmed nd, as above, then brush sand into joints. If weeds should start later in the un- ortared joints, you can easily spray them away with a strong solution of 2,4-D

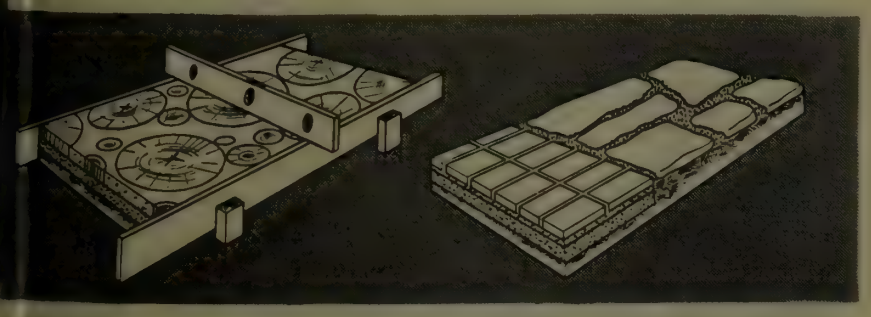
For your scrapbook

Home-mix mortar: Thoroughly mix a sack of cement with a sack of lime. Add water to make a soup thinness, then mix in 5 sacks of clean sand and more water as needed. Wet the bricks with water before you butter them with the mortar.

To clean old bricks: Old mortar can be removed by scrubbing the bricks with muriatic acid solution. Dilute a pint of acid (from your drugstore) with a gallon of water. Always add the acid *to* the water, never the reverse. Apply with a fiber brush, and use only glass or crockery containers. Wear rubber gloves.

Home-mix concrete: Spread one sack of cement over 2¼ sacks of coarse sand (sold as concrete mix) and mix well. Mix in 3 sacks of pebbles, then add 5½ gallons of water to the center of the pile. Plan to lay all of the concrete you've mixed within the next 30 minutes.

Water-mix blacktop: Order emulsified asphalt. You apply this liquid through a sprinkling can to sand spread 4 inches deep in excavation for your future blacktop path. Apply enough to wet half the sand, then mix thoroughly with a rake until all the sand is evenly coated. Add more asphalt, if needed. Dilute asphalt a little with water if the weather is cold enough to make it gummy.



Trick in laying redwood circles is to check constantly to see that surface of each is kept level. Try to have each circle touch at least one other to prevent shifting. Keep all wheeled traffic off your new path for several months. With bricks, choose patterns that use only whole bricks until you feel you are in the professional bricklaying class. Wear a pair of stout gloves.

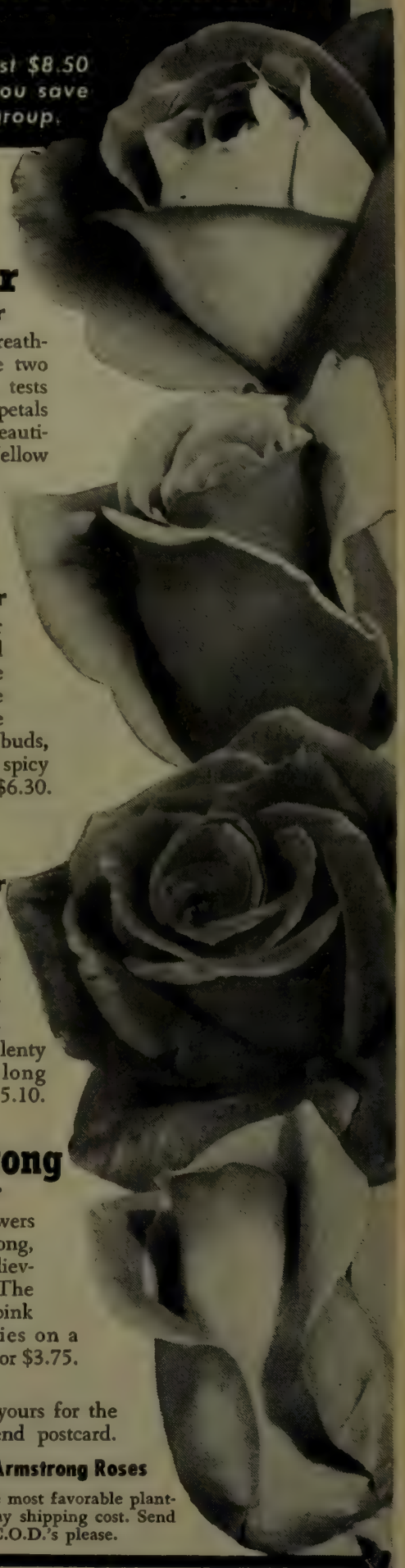
More photographs, next page

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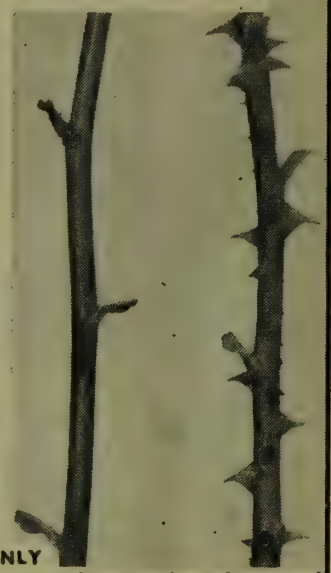
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At Right—Section of branch of regular hybrid tea rose, and section of branch of "Festival." The bark on "Festival" canes is as smooth as the branch of a willow, on both bush and climber forms.

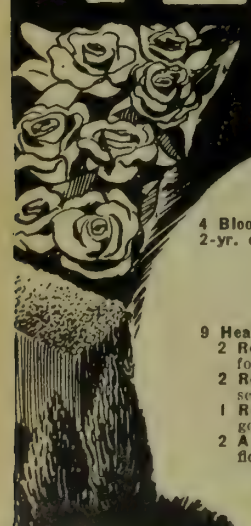
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At left a section of stem of "Festival," the Thornless Rose, with leaf stems left on. At right a section of stem of regular Rose. "If thorns prick your hands, it isn't 'Festival.'"

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New beauty fo ur ya



Gravel (above) and tanbark won't steal attention from your flowers. W good drainage under them, these paths dry out surprisingly fast after a show They rate especially high for gardens where they will be lined with groun hugging dwarf plants, such as the alyssum bordering the path in this pictu



Mortared bricks or stones make a durable, all-weather path and supply pleasant color and pattern. Boards along sides here keep the plants confined and allow use of a path narrower than is usually recommended for your main entrance

McFarland



Rough-edged field stones fill a need for some pattern in this informal hillside garden. No through traffic is expected, and you can put up a "Keep Off" sign for spring days when your soil is still too squishy to keep the stones wobble-free

...our yard

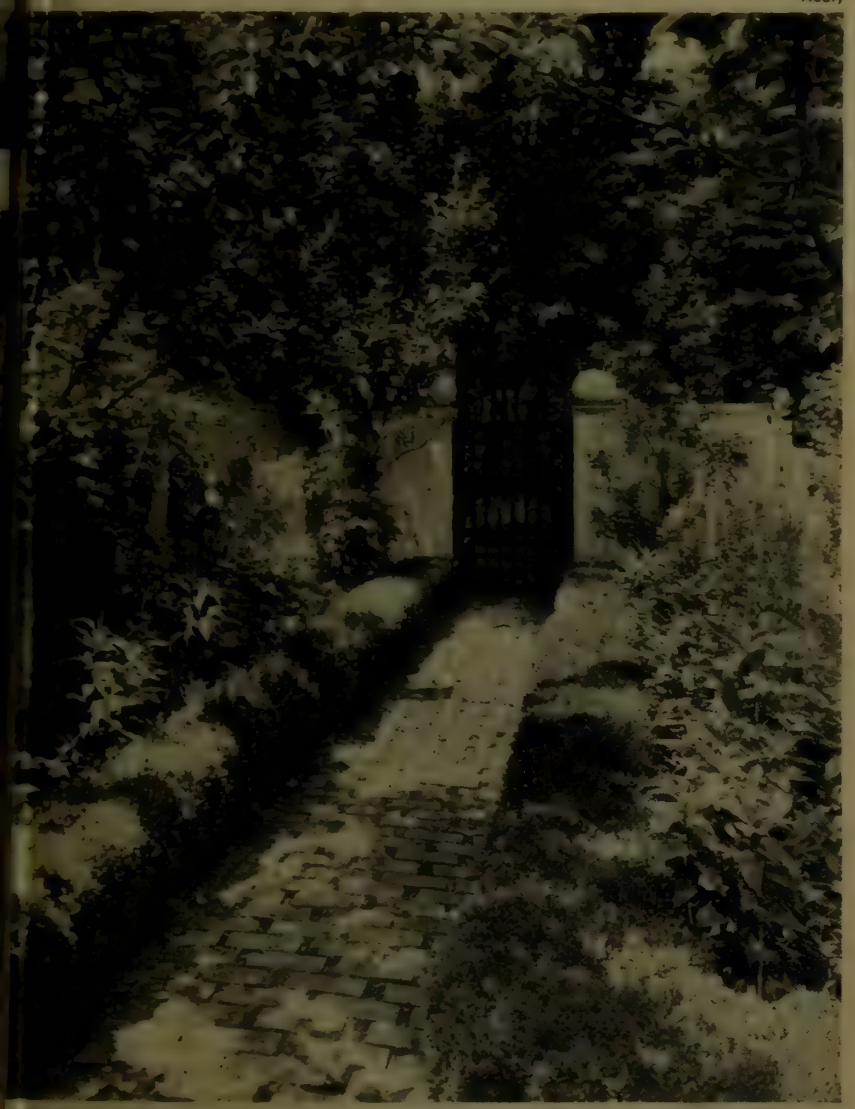
Begins on page 200

Tatch



...dwood circles (above), redcedar slabs, or thick slices from old utility poles ...be laid directly on tamped sand. They last for years without special treat-...nt. You can vary the sizes for interest, as shown here. The natural dulled ...or of redwood blends well with grass-green or, as above, with gray gravel

Healy



Open pattern of the brickwork adds design to this garden. You can use this ...ath where drainage is good, traffic light. Open patterns are only for level ...aths. The open places are too ready to catch a high heel that slips on a slope

More photographs on next page



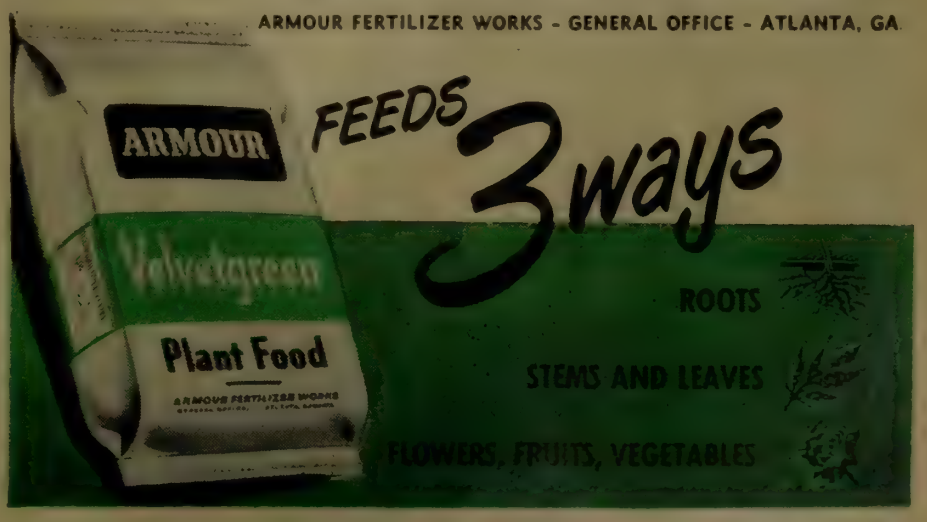
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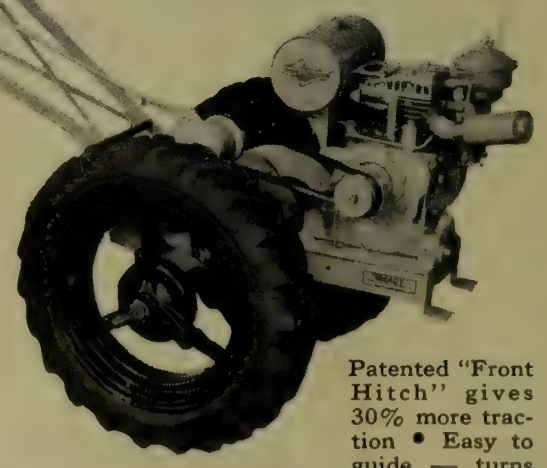
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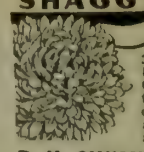


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New beauty fo

Phil



These brick walks were built for service and pattern in a front-yard gard Outer course of bricks was mortared, centers laid dry. Allow about 4½ bri for each square foot of path when bricks are laid flat, or 6 bricks if laid on ed



Church

Grass always looks cc and an ideal compani for garden flowers. For informal garden you c dispense with sharply edges for your grass pa Instead, as at left, yc flowers can spill over or it just enough to soften t line. Mowing will requ more work, but you'll saved the trouble of kee ing the edging razor-sha

McFarla



Steppingstones provide dry footing at low cost and without forcing their presence upon you as you look at the garden. But they are not for paths likely to feel many feet. Stones should be at least 12 inches across and set so their centers are about 22 inches apart for an easy and casual stride

ur yard

Continued from page 203

Byers



ndom paving of stone or concrete will resist heavy daily traffic. As in all d pavings, stone and grass are at the same height for ease of mowing. You level, non-tipping concrete stones, as above, by pouring the concrete ctly into holes of appropriate shape hollowed out of the sod. Use the gh edge of a broken brick to finish the concrete in an interesting texture

Providence Sunday Journal



The scuffed look where gate openers pause disappears when you set a stone or two there. Similarly, you can use a couple of steppingstones at the end of your brick or stone path when you make the transition to lawn or a grass path

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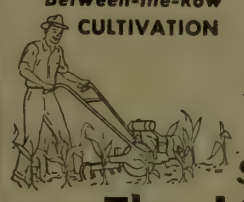


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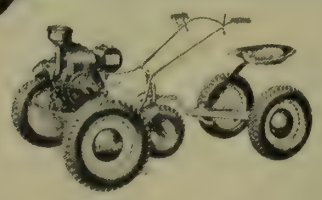
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Diary of a Plain dirt gardener



Maggie and I went to the roadside-beautification-school dinner. Speaker of the evening was Maggie's brother Bob

By Harry R. O'Brien

Feb. 1 Ground covered with snow. Thermometer hunting for the zero mark. Birds eating their heads off at my high-priced feed.

Stack of seed and nursery catalogs already on hand. First packets of ordered seeds already arrived.



I'm happy. Stack of seed and nursery catalogs already on hand and first packets of ordered seeds have arrived

As I lay in my trundle bed this late Sunday a.m., I heard the cardinals beginning to rehearse for spring. They are later than usual at it and haven't as yet found out how to hit the high whistle notes.

Garden plans for this year are beginning to shape up. Maggie has announced that she wants to fill our zero box in the basement with frozen vegetables for next winter, on top of having plenty to eat as we go along. And, of course, make up a new supply of her famed tomato juice.

We need to set out a new strawberry bed when spring comes. This year I want to plant some Temple and Sparkle, the two new varieties resistant to red stele disease. We have a good planting of asparagus and rhubarb on the other side of the bushes. Maggie puts all three of these in the freezer.

I've been thinking in terms, too, of flowers, some of the new annuals, some more perennials, and a few more roses to fill up holes that I know blamed well I'll have in the beds come spring. Also I hope to do more with glads and dahlias this year. These have been neglected of late.

If you pick the All-America Selections of annuals and roses, the medal winners, and the highly rated ones of the plant society trials and judgings, you can't go wrong on new varieties of plants.

In case some of these newer things are still high priced, go back through the lists of standard varieties and pick out those which won honors in former years. These are still the best ones and usually down by now to a more nominal price. Just because a plant is new doesn't mean that it will add anything to your garden except social standing. The new variety should also be better in some way—and usually is.

Feb. 2 Once again, there is no argument about it. Old Man Groundhog saw plenty of shadow all day long. But, shucks—if he sees his shadow, we'll have only six more weeks of winter. If he doesn't, we still will have only a month and a half of same.

Feb. 9 For about 10 years now, at its March meeting, the Saginaw branch of the Women's Farm and Garden Association, has had a display of forced branches. Today I was a guest at their meeting and learned all about it. Early in the year members are handed a list of plant materials which can be forced. Arrangements are made to get twigs of apples, peaches, and other fruits from a nearby fruit grower. Directions for forcing are carried in the local newspapers.

Feb. 11 Tonight Maggie and I went downtown to a dinner of people attending the annual roadside-beautification school. The speaker was Maggie's brother Bob, general manager of the Chicago Regional Planning Association. He told how the region around Chicago has been planning for the future by zoning for various purposes, acquiring areas for recrea-

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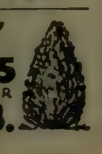
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tion, widening highways, and the like.

Feb. 13 Snow is melting. Tonight it poured down rain—just poured and poured. It was so foggy, coming back home toward dark, that I could hardly see, and I was actually afraid to make the left-hand turn across High Street, to get onto our side road. But in spite of its being Friday, the thirteenth, I made it.

Feb. 14 Outside it was warmer than it has been in weeks. That rain of last night, though, had turned to snow and ground was white this morning. But it went away rapidly during the day. Outdoors it was too mushy and slushy, but to keep busy, I did a bit of house cleaning.

Feb. 16 First day of spring. Snow all gone, except in hidden dark corners. Weather up to 50 and oh, so balmy. The cardinals are now whistling freely and cheerfully.

But ground wet and soggy. So nothing outside was done except



Wet and soggy so nothing was done outside except put on arctics and stomp around to renew the bird feed

put on arctics and stomp around to renew the bird feed. On a day like this I cut down on the amount of feed I put out. I want just enough for the good birdies without leaving a surplus through the day for the glutton sparrows to guzzle down.

Feb. 19 Business matters brought me to Chicago this morning. Hied over pronto to Vaughan's seed store to howdy with Milt Carleton, who's in charge of research for this firm.

To help me promote research in my own domain, Milt put a packet of the new pea, Bayou, in my brief case. This is the pea from down in Louisiana, generally introduced in 1948, I believe, that is a good grower in hot weather. I'll be delighted to try it out.

In the hotel lobby toward night, ran across some men I know. They were on their way to dine. They invited me to go along and then go to a meeting afterward of the largest garden club in the world—5,400 members. There were about 1,200 at the meeting tonight. This is the Hawthorne Garden Club, made up of employees of the Western Electric Company and their families.

I learned, as the program proceeded, that this club pools its orders for seeds and plants and has one member of a committee do the buying for each item. The order

[*Turn to next page*

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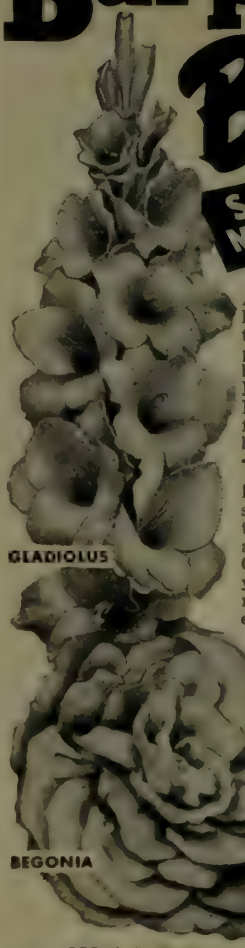
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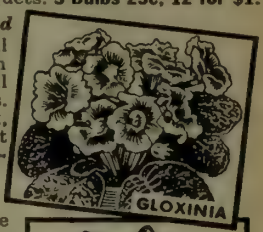
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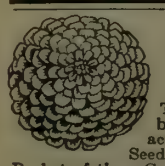


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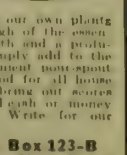
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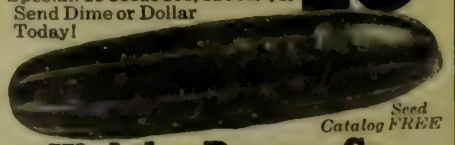
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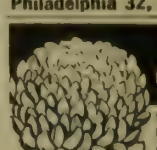
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Diary of a plain dirt gardener

Continued from preceding page

for tomatoes for this spring amounts to 120,000 plants. The club has its own mimeographed magazine, filled with good information and news.

Feb. 22 Here's good news for a holiday. I spied little green tips along the edge of the new bulb bed made last fall in front of the shrubbery on the south side of the house. Those tips are crocuses coming up.



Good news! I spied the first little green tips of crocuses, coming up in the new bulb bed I made last fall

Feb. 23 To the monthly meeting of our local iris society tonight. Topic for discussion was an informal round table on flowers to go with iris in the garden to carry on bloom after iris is gone. Members had been asked to bring along some color slides of their favorite flowers.

For my bit, I showed a few slides of some of my newer daylilies. These flowers go mighty fine with iris anyhow, and a proper selection of later-blooming varieties will keep color coming on after iris time, clear up to fall.

Feb. 25 Downtown after work and met Maggie—on order—at the furniture store. She made a utility purchase, left an order for putting up new window shades all over our house, and tried to get me interested in a new rug for the dining room.

My eyes wandered from those rugs—and what did I see but some-

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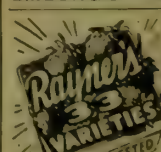
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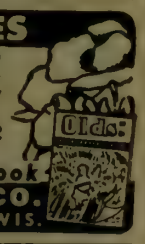


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REX. D. PEARCE, Dept. K, Moorestown, N. J.



thing I've been dreaming about for years. It was a little stand with a good sized drawer in the top and two shelves underneath. I bought it promptly.

Feb. 27 When I came home tonight, there was that little stand at the right side of my easy chair in the living room. Into the drawer Maggie had put my pipes, a tobacco pouch, some pencils, a supply of matches. On top was an ash tray. So my years of parking pipes and tobacco on the mantel are over.

Feb. 28 Carried out the ashes. Carried is the correct term, for it was too muddy to run a wheelbarrow about. These ashes went on a rose bed—where most of the ashes are going this winter.

News Notes: *Here are some new posies you'll find mighty nice.*

Among the new floribunda roses I like Golden Jubilee, an unusually hardy yellow; Lavender Pinocchio, whose pink, olive, and lavender are new colors in roses; Holiday, in two-toned orange-red and pink; and Alain, bright red-orange and created by the originator of the great rose Peace.

New gladioli to keep a watch for are Shirley Briggs, Allice Adams, and Easter Parade.

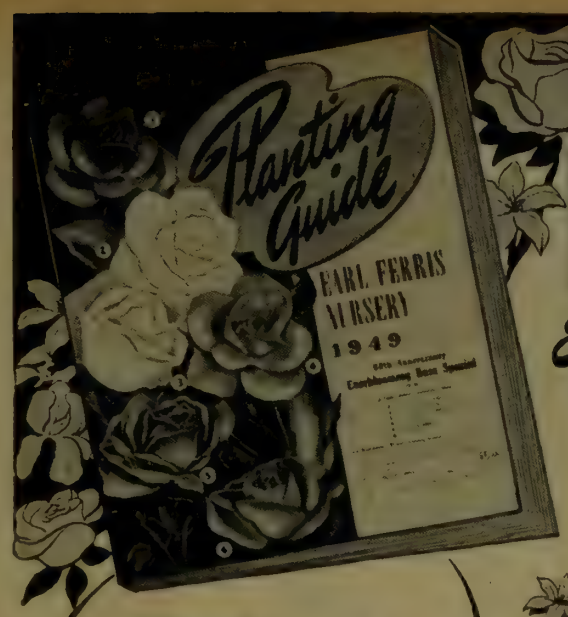
Man and Boy

No matter what the signs of age,
By whatsoever means you gauge,
A man, to woman's constant joy,
Remains throughout his life a boy.

However gray (or gone) the hair,
However stout, the boy is there,
And can be very clearly seen
Behind the silly grownup screen.

By daily work and daily act
A man makes evident the fact
Of boyishness. A woman, though,
Must never, never let him know.

—*Richard Armour*



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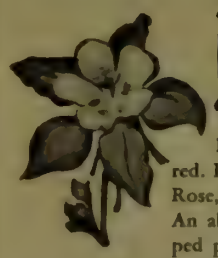


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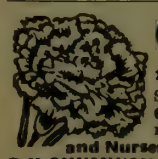
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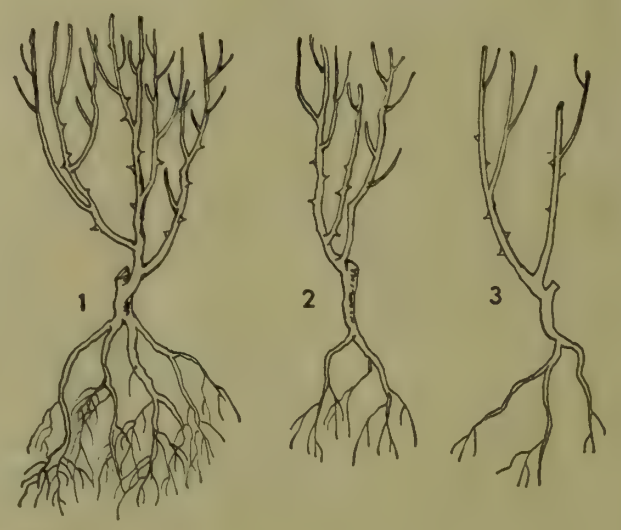
Continued from page 53

How to grow a rose

YOU can grow a good healthy rosebush—or a dozen of them—on your first try, if you will follow directions.

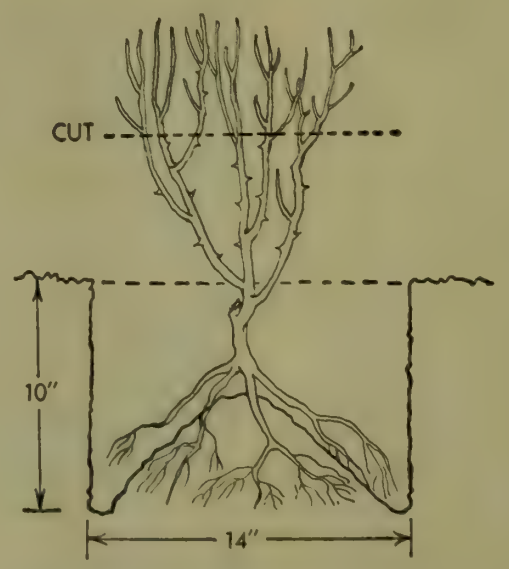
Keep in mind that a woody plant like a rose stores plant food during the winter in its stems and roots. It will start its spring growth on this stored food.

Very soon after the buds push out it must have sunlight, water, and its roots in good soil in order to produce new leaves, and push up strong new stems with fine blooms on them.



How to buy

Start with the best plants you can get. Buy only of reputable dealers and if mailing your order, ask for No. 1's (Nos. 1 and 2 above). If picking dormant plants from a bin, take nothing poorer than a No. 1½ (No. 3). Look for short shanks between roots and knob of graft, stems one-third inch through and more, plump unskinned bark, and 3 to 5 main roots



How to plant

Choose a spot with at least 4 hours sun a day and quick surface drainage. Allow 20 to 24 inches around each rose. Dig out soil at least 10 inches deep. Form cone of soil on bottom, spread rose roots over cone. Use the best topsoil next to roots. Half-fill hole with water, jostle slightly. Finish with topsoil

More on next page



I been sharpening lawn mowers thirty odd years now. So I guess I know a good mower.

Course you *want* a good one. No sense having to buy another four, five years from now.

First place, remember that what you want a lawn mower for is to *cut grass*. Just that.

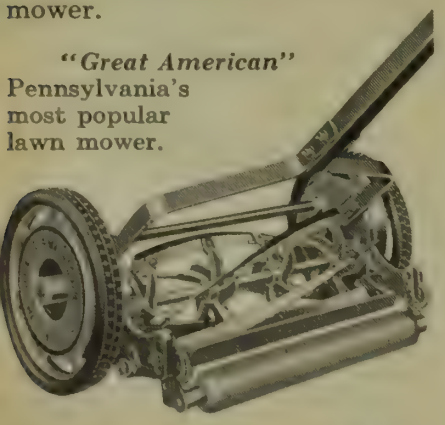
There's a lot of important things about a lawn mower you can't see. Like the kind of steel in the blades—whether it has good ball bearings and cut gears on both sides—whether you can true it up and be sure it'll *stay* trued up. Average man has to take things like that pretty much on faith.

Tell you what you do:

Find out where they sell Pennsylvania mowers. There's five of them—Great American, Meteor, Pennsylvania Jr., Penna-Lawn and a power mower—for different kinds of lawns, different kinds of grass and different size pocketbooks. Those Pennsylvania people been making fine lawn mowers for more than 70 years. Some of their mowers been cutting grass for ten, twenty, forty years.

You'll be mighty pleased with a Pennsylvania-made lawn mower.

"Great American"
Pennsylvania's most popular lawn mower.

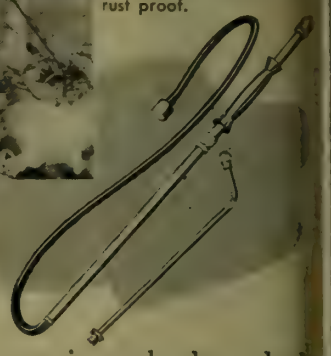


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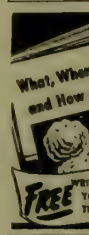
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How to feed

Nitrogen, phosphorus, and potash are most important elements in feeding roses. Supply these in form of a balanced plant food or special rose food. Place out from stem, over root tips. When plants have been in place 3 weeks, give each a handful (about 1 cup) of food and water thoroughly at once



How to water and protect

Roses need a good watering once a week in spring and summer. Apply water at soil level, without splattering. Hold tip of sprayer or duster near soil when spraying or dusting. To kill disease spores and pests, coat leaves lightly every 10 days with combined Fermate, sulfur, DDT, and rotenone



How to cut

Always cut a rose with an eye to the health of the bush and other buds to come later. Take no longer a stem than you actually need. Always leave two full-size rose leaves on the stub and make the cut with very sharp shears or knife one-quarter inch above base of topmost leaf left on the stem

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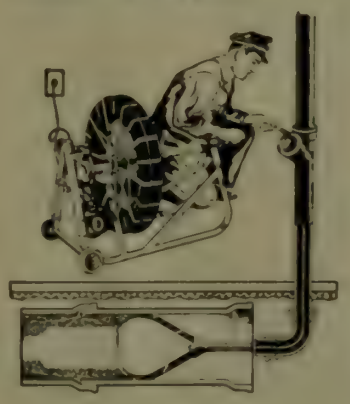
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Voted the dozen favorite roses

Begins on page 53

put it in undisputed first place among dark red roses everywhere except in Texas and California gardens. The many-petaled blooms develop from handsome urn-shaped buds, and the excellent color stays until the last petal falls.

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Charlotte Armstrong. Spectacular for size, color, and height, this dramatic variety has rose personality plus. The vivid cerise-pink blooms get the eyes of visitors a long way off. Close examination is just as pleasing.

Eclipse. This yellow rose is liked the country over for its sleek, long buds, its pure, clear color and the nonfading high-quality flowers. A fine rose to show off in a bud vase and a good one for buttonholes, too.

President Herbert Hoover. The only multicolored variety to make the top dozen, this long-time favorite supplies large-size blooms on stems plenty long for cutting. In each bloom you can find, cerise, gold, flame, and buff tints. A tall-growing rose.

Nocturne. The newest of the reds in this list, Nocturne is gaining in popularity almost hourly. With long buds like Charlotte Armstrong's and a color very close to Crimson Glory's, this vigorous, fragrant rose is outstandingly fine.

Picture. With beautifully rounded petals of a rich, wholly satisfying pink, this rose is applauded from coast to coast. A suffusion of gold in the heart helps create the effect of sparkling color. The whole plant has distinction.

Mirandy. This blackish crimson rose does its magnificent best when the huge blooms can unfold in constant sunshine and heat. If cold, or opening in foggy weather, the flowers sometimes blue disappointingly. One of the most fragrant roses we can grow.

Mrs. Pierre S. DuPont. Still a favorite 20 years after its introduction, this variety keeps up a steady production of nicely turned out, clean yellow blooms. Good for small beds or a front-row place because the plants seldom reach above two feet.

Christopher Stone. Another fragrant red with a brilliant long-lasting color that does not blue. This variety is unusual because the open flowers are more uniformly fine than the buds are.

Red Radiance. This is the dependable red rose for southern gardens (and the sixth *red* rose in this

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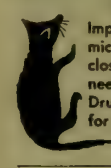
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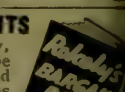
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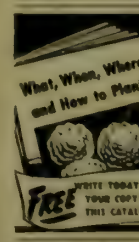
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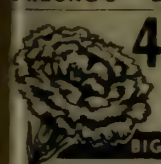
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list). The blooms of Red Radiance are not large nor high-centered. But they come by the dozen and for mass effect it gets the votes.

Ranked at the top for sweetness

Here are the best roses to bury your nose in. The 25 hybrid-tea varieties listed below rated tops in three recent polls taken on the most fragrant roses.

Cecil Solly, radio commentator and authority on gardens in the Pacific Northwest, sampled opinions on rose fragrance in that greatly rose-favored section. Nurserymen in all the large rose-growing areas and the directors of the American Rose Society were polled separately on the same subject by Secretary Ray C. Allen for the American Rose Society.

Crimson Glory—full fruity perfume

Etoile de Hollande—very pleasant true rose scent

Mirandy—a very full-bodied but unmistakably rose perfume

Heart's Desire—vermilion-red, intensely fragrant

San Fernando—a very new red with a heady captivating scent

Hadley—old-time favorite dark red. Rich true-rose scent

Christopher Stone—damask fragrance

Rubaiyat—a splendid newer red with opulent old-rose scent

Nocturne—slightly spicy

Hector Deane—a lively Chinese red with a heady scent

Girona—a multicolor with pleasant strong fruity scent

Saturnia—brilliantly orange-red, fruit-like fragrance

Texas Centennial—tall multicolor with pleasantly strong fragrance

Taffeta—new multicolor with pronounced but not cloying perfume

The Doctor—huge, brilliant pink, strong, clean wild-rose scent

Applause (see page 52, January *Better Homes & Gardens*) strong sweet fragrance, just plain rose

Sweet Sixteen's perfume just suits its lovely pink petals

Neige Parfum—handsome white with invigorating perfume

Dickson's Red—a big bold scarlet with an alluring odor

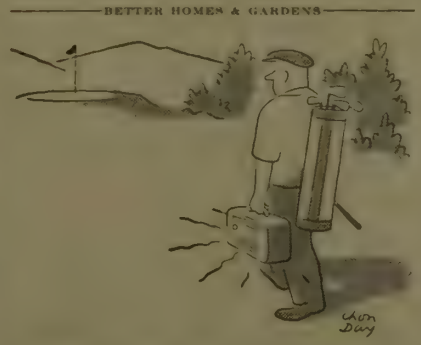
Golden Rapture—old-rose scent

Golden Dawn—a big light yellow that's delightful to sniff

Hinrich Gaede—a brilliant copper-red that smells like raspberries

Countess Vandal—coral and rose bicolor with scent both rich and sweet

Kaiserin Augusta Victoria—a beautiful, precisely rolled, antique with a true tea scent.



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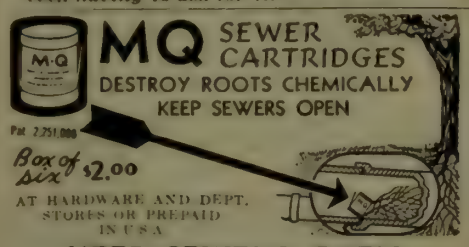
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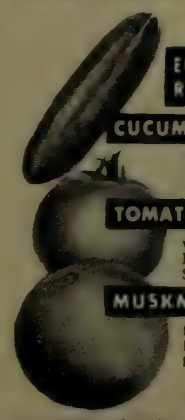
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High blood pressure

Begins on page 50

What are the symptoms?

Often, none at all. In early stages the body frequently adjusts so well to high blood pressure that it makes no complaints. When symptoms do arise they are not very specific. Headache and dizziness are most common. Insomnia, heart flutterings, general weakness may also be complained of. And every one of these symptoms could arise from something else.

Is it a deadly disease?

Strictly speaking, it's not a disease at all, but a symptom with a hundred possible meanings. You might liken it to a headache, which is also a symptom. That is, a headache *can* arise from a brain tumor, but it's much more likely to come from something simple, such as eyestrain or unwise eating. High blood pressure is just a clue which directs your doctor to study your condition to see whether or not it is associated with damage to organs. There's a good chance that it isn't. Most people with high blood pressure are relatively normal, don't need much medical management. Statistically, high blood pressure is *associated with* shortened life. But it's not at all unusual for individuals with it to outlive their life expectancies.

Then what makes it serious?

Damage to vital organs—particularly the heart, blood vessels, brain, and kidneys—is the great threat of high blood pressure. That is why your doctor X-rays or fluoroscopes your heart to determine if high-pressure work has enlarged it. He looks into the back of your eyes with an ophthalmoscope. There he can see the condition of living blood vessels. He studies other near-the-surface vessels. He makes tests to determine how well your kidneys are functioning.

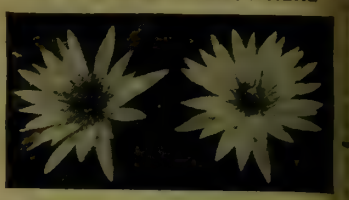
If you have a stout heart and good blood vessels, your chances of living a long life despite high blood pressure are pretty good. Unnecessary worry about your pressure, despite your doctor's reassurances, can take much of the zest out of life. A yearly checkup will enable your doctor to discover signs of complications, if any.

At what point does pressure become high?

There is no sharp line between normal and abnormal blood pressures. But for practical purposes an arbitrary standard had to be adopted. Sustained blood pressures higher than 140/90 are considered to be hypertensive. In this case, the 140 (millimeters of mercury on the scale) is *systolic* pressure, the pressure when the heart is at the peak of its beat. The 90 is *diastolic* pressure, the force when the heart is at rest between beats.

When asked, "How high is your blood pressure?", most people (if they happen to know) answer 120 or 140 or 200—whatever the systolic pressure happens to be. But your doctor is *much* more concerned about that seemingly in-

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nocuous little diastolic figure. The reason is that high diastolic pressure is more likely to be associated with hypertensive disease—damage to heart, blood vessels, and other organs. You can have a relatively benign form of high blood pressure in which high systolic pressure goes along with normal or low diastolic. The cause may be nervous influences, or thickening and loss of elasticity of large arteries, especially the aorta. The heart has to pump a little harder, but no great stress is imposed on other organs.

Does age have much to do with it?

The frequency of high blood pressure increases with age. However, the figures don't mean quite what they seem to if we're thinking of high blood pressure as a symptom of serious disease. In general, the *younger you are*, the more seriously you should take it.

If you reach 45 without developing high blood pressure, you have a fine chance of living a long life even if your pressure jumps in later years. If high blood pressure is going to lead to real organic damage, it usually starts doing so before early middle age. At New York's Presbyterian Hospital, Dr. George A. Perera studied 200 patients and found that 92 percent of them were under 40 when they found they had high blood pressure.

Can you avoid it?

Many persons with mild high blood pressure have no real need of following rigid rules and regulations. But if your doctor raises his eyebrows at your way of living, or if his checkup reveals signs of oncoming damage, complications may be avoided if you learn to saunter instead of gallop. Better than medicine, says Dr. Paul D. White, noted New England heart authority, is a way of life including such measures as: A planned program of leisure. Doing six hours of work in eight instead of crowding 24 into 16. Vacations spread through the year. Mild exercise, unhurried and enjoyed (preferably noncompetitive, so you don't have to outsweat an opponent). Eight to nine hours in bed every night, and an hour's rest at midday before or after lunch. Reduction in weight if you're too fat.

What about diets?

Low-calorie reducing diets usually bring down blood pressure if the patient is overweight, and are a sound health measure for anyone who is too fat. The much-discussed rice diet for high blood pressure, introduced by Dr. Walter Kempner of Duke University, is a stringent measure for hypertensive patients who have organic damage. Not strictly a reducing diet, it allows up to 10 ounces of rice daily, boiled or steamed in plain water or fruit juice. Fresh, canned, or dried fruits are allowed if nothing but white sugar has been added to them. All fruit juices (but no tomato or vegetable juice) are permitted, and white sugar as desired. A supplementary vitamin pill is taken, and that's all.

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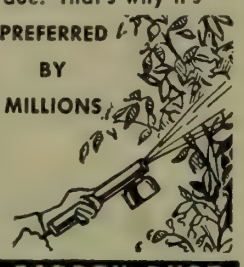
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High blood pressure

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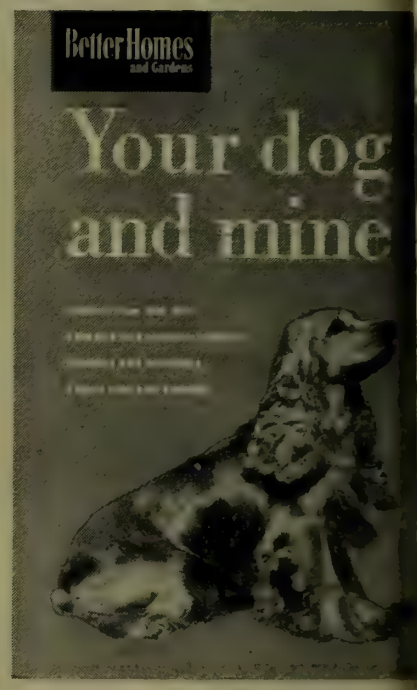
peculiar, specific virtue is not shared by most doctors. Similar benefits have been achieved by non-rice diets equally low in salt content. Doctor Kempner reports that three out of five severely ill hypertensives have a reduction in heart size, blood-pressure drop of at least 20 points, and improvement of blood vessels in the eyes, on the strict rice program. The drawback is that some patients aren't helped and many won't stick to a highly distasteful diet.

Mild starvation will reduce blood pressure. Dr. Ancel Keys, of the University of Minnesota, found that high blood pressure all but disappeared during wartime famine years in Leningrad. But two years after Leningrad started eating normally again, high blood pressure suddenly showed a four-fold increase in younger persons, threefold in the age-50 group. Doctor Keys suggests that if a patient on a rice diet abandons his restrictions, he may be worse off than before treatment was instituted. The average overweight hypertensive who has no complications requiring more specific treatment would perhaps do better to go on a balanced reducing diet because this teaches a way of eating that should be followed for life.

Does salt cause high blood pressure?

No, but if high blood pressure already exists, table salt may make matters worse. Salt tends to bog down the tissues with water. Kidneys not quite up to par can't get rid of salt efficiently. So the doctor is very likely to order a salt-poor program if high blood pressure is getting out of hand. It's more than going easy on the salt cellar at the table. Salty foods—ham or sauerkraut, for instance—are forbidden. No salt can be added to cooking water. And such seemingly saltless things as a dose of sodium bicarbonate for an upset stomach are ruled out, because it is the sodium part of common salt that causes trouble. Low-salt treatment is now so general that the drugstore has

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Are there drugs that help?

Scores of them! Almost every substance has been tried, including mistletoe and pumpkin seed. And the odd thing is that most of them work, at least for a time. Your doctor has drugs that are very useful in treating symptoms but which are not claimed to cure. Some drugs ease hypertension by expanding the diameter of blood vessels. The nitrites are an example. Potassium thiocyanate is sometimes effective in relieving headaches, but has toxic possibilities. Sedatives are very useful in relaxing tensions; the barbiturates are most popular. Despite scare stories, you run hardly any chance of becoming a bug-eyed dope addict if you use sleeping pills as your doctor orders.

Can surgery cure high blood pressure?

No, but there is a dramatic operation for relief of symptoms in desperate cases where all other treatments have failed. One factor in producing high blood pressure is nerve impulses that make blood vessels tighten up. The operation known as sympathectomy consists of cutting fibers of the sympathetic nervous system so that orders to tighten up no longer get through. Usually, sympathectomy brings a drop in blood pressure, abolishes distressing symptoms such as headache and dizziness, frequently restores miserably disabled patients to active working life.

There is a grimmer side of the picture. Sympathectomy is a major operation, convalescence is long and can be quite painful. Blood pressure tends to climb again, up to its old tricks, after months or years. Only about 4 percent of all hypertensives (very few of these are past 50) pass the rigid test of suitability for sympathectomy. But for the younger patient with unmanageable, rapidly increasing high blood pressure, sympathectomy is a hopeful court of last resort.

Alcohol and tobacco?

Differently! Alcohol is a depressant, not a stimulant. It tends to relax and dilate the blood vessels. Tobacco is just the opposite—a blood vessel tightener-upper. If your high blood pressure is kicking up enough signs of trouble to make the doctor warn you to watch your step, he is much more likely to urge you to go easy on smoking than to give up a daily highball.

New treatments in the offing?

Always! Research may eventually lead to treatments much more specific than anything we now have. The part played by what the doctors call humoral factors is being investigated. That is, fluids secreted by the body are known to have chemical effects on blood pressure. Two such substances have been isolated from the kidneys: one acts to increase blood pressure, the other to subdue it. A way may be found of keeping these teeter-totter forces in balance.

[*Turn to next page*

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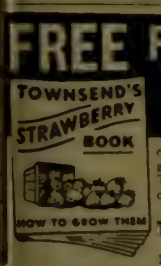
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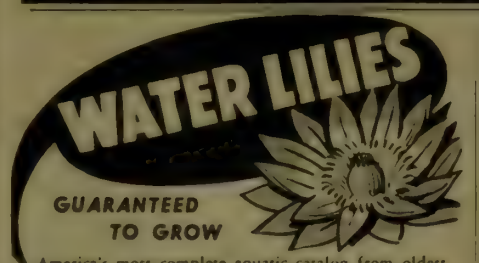
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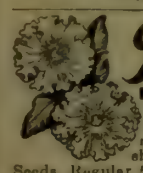
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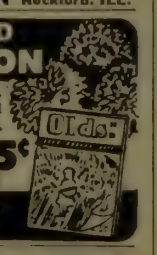


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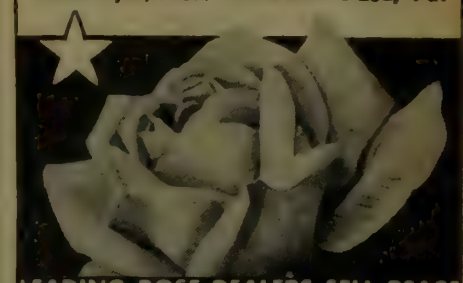
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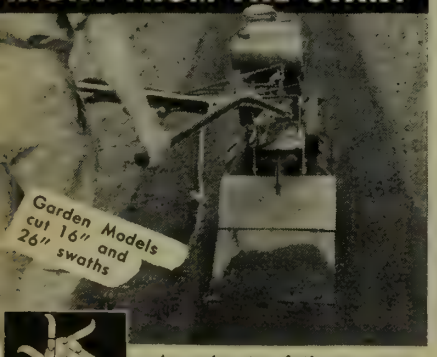
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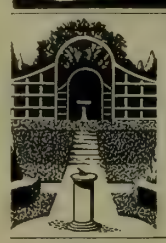
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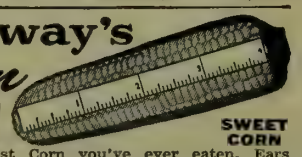
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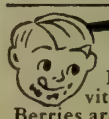
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SOLVING YOUR LAWN & GARDEN PROBLEMS

High blood pressure

Continued from preceding page

Drugs which perform something like the sympathectomy operation by purely chemical means are being studied. One goes by the long name of tetraethyl ammonium chloride. Instead of cutting the nerves, as in sympathectomy, this drug blocks pressure-raising nerve impluses for brief periods. However, these and other experimental measures have not reached the stage of routine treatment.

Money for research has been of small-change proportions, compared to funds spent for study of diseases afflicting far fewer people. The American Heart Association is a nationwide organization spearheading the attack on heart and associated diseases, and a large proportion of the funds it collects is used for projects on high blood pressure.

Should you worry about high blood pressure?

Frequently a patient who feels perfectly well is found on routine examination to have a higher than normal blood pressure. From then on, if he isn't properly advised, he begins to notice symptoms and can easily become an imaginary invalid. Much unnecessary worry is focused on day-to-day changes in blood pressure. You are frightened by a figure, but you aren't any better off the day your pressure drops 20 or more points, or worse off the next day when it climbs back up. You aren't bound to have high blood pressure just because it's common. Some of us probably couldn't get it if we tried! One road to peace of mind, if your pressures are creeping up, is to live within the way of life your doctor suggests and to forget about the fluctuating height of your pressure readings. It is surprising how often the hypertensive is an essentially normal person who needs little or no change in activities that give him the most satisfaction—and more than surprising how many patients live up to and beyond their life expectancies.

There is comfort, too, in the fact that high blood pressure is an adjustment of body machinery that assures vital organs of getting an ample blood supply. In a heartening sense, high blood pressure is not a purposeless threat of imminent disaster, but an adaptation that keeps you alive.

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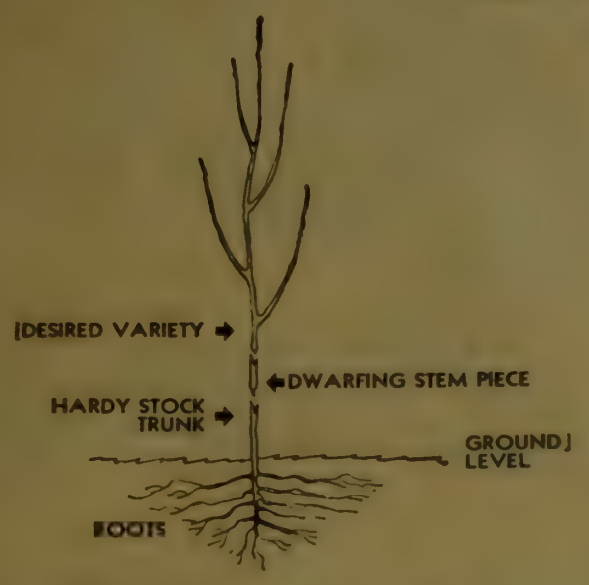
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ou can grow fruit on a 50-foot lot

Begins on page 42



hat makes dwarf fruit trees dwarf?

HE grafting of the desired vari- y of pear upon quince or other nderstock has the effect of dwarf- g the size of pear trees.

Paradise or one of the several falling understocks have been uch used for dwarfing apple trees. A tree on Malling or Paradise un- erstocks must be set with the nob of the graft well above the ound. Otherwise, in time the op might form its own roots and, eed of the dwarfing influence of he understock, become a stand- rd-size tree.

For severe climates, better dwarf ees are now being made by a louble graft (see sketch above) hich results in a tree made of ree parts.

The nurserymen start with a whip"—an unbranched yearling of Virginia Crab. This is very hardy, has strong brace roots and a vigorous root system.

Onto this with a tongue graft he puts a 3- to 6-inch piece of the hardy Clark dwarfing stock.

Into the upper end of the dwarf- ing piece is budded the desired variety of apple. All this takes skill, patience, and time.

Once the tree starts growing again, the dwarfing insert swells in girth faster than the tree body above and below and continues this way.

Besides restraining the height of the top, this band hinders the downward movement—what fruit men call translocation—of plant foods. And this results in early formation of larger numbers of fruit spurs—exactly what *you* want.

Here's what you can plant on a 50-foot lot



YOU can quite literally eat your way around the place if you plant a family-size orchard of dwarf trees. This planting plan gives you apples to pick from late summer until frost and excellent kinds to store for winter eating.

The trees will bear from a half to a bushel each.

Because it's best for pollination and fruit set, plant two trees—and if possible two varieties—of apples and pears.

The Apple Lodi ripens about the same time as Yellow Transparent. Lodi's big fruit bears early, and does not turn mealy quickly.

Red Wealthy retains all the good points of its ancestor, but is handsomer.

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Red Delicious is a country-wide favorite for winter eating.

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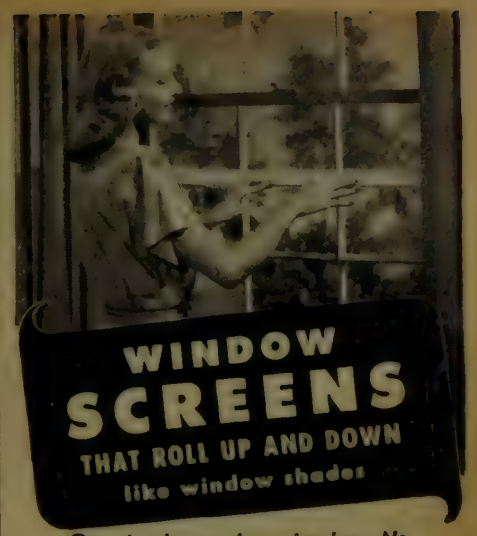
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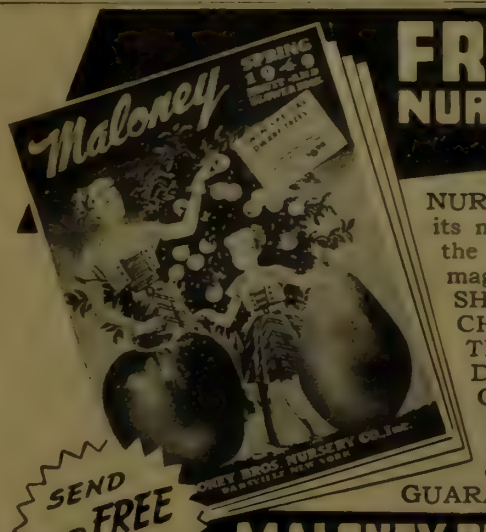
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These dishes do de

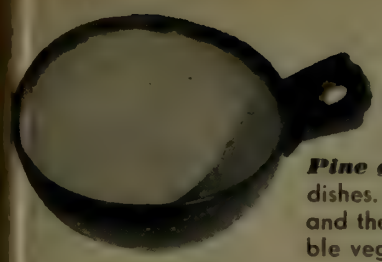


Cinnamon-colored horses prance against a spice-cake brown background. Skillets are convenient, and different for individual service

Photographs: Stanley



These dishes come in a wide range of colors. Those at left are yellow, brown, and green. The plain dishes are yellow, green, or chartreuse



Pine green and beige are the colors of these dishes. Try the oval casserole for baked beans and the small ones for individual service. Double vegetable dish is handy for buffet service

do double duty

You can cook *and* serve in them.

Result: hotter food, less dishwashing

By Fae Rowley

HERE are dishes that are efficient in the *oven*, effective on the *table*. Yes, you can cook in these smartly designed dishes. All of them, from the large casseroles to the individual bowls, have been specially treated to make them heat resistant.

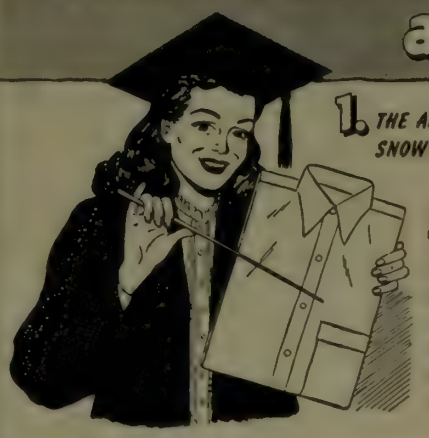
In these dishes omelets, baked beans, and chicken pie emerge from the range ready for any occasion from a family breakfast to a company dinner. Because they're a little heavier than the average china or earthenware, the dishes will stand hard usage.

Where to get it, page 181 ***More on next page***



Plates shown here come in either soft beige or aqua. The covered bowls in graduated sizes are for casseroles, hot cereals, soups, stews

When is a clean shirt not a clean shirt?



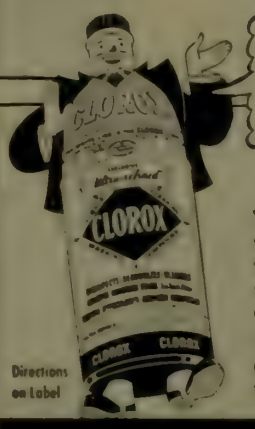
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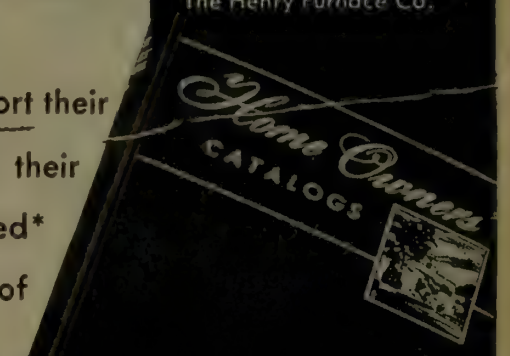
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Just Whistle...

by Bissell



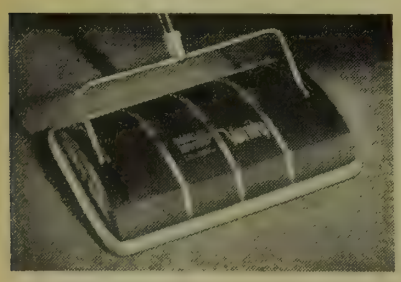
When your young buckaroo upsets the ashstand on your freshly cleaned rug . . . don't scream. Run for your new Bissell Sweeper . . .

And whistle! Bissell Carpet Sweepers now have "Bisco-matic"* Brush Action for the easiest clean-ups ever!



You don't have to press down at *all*. This miracle brush adjusts itself automatically to every rug nap, thick or thin . . .

Even cleans under low furniture, with the handle held *flat!* Save your vacuum for periodic cleaning . . . use a new "Bisco-matic" Bissell® for quick everyday clean-ups. It pays!



Illustrated: The "Vanity" at $8.45. Other models from $6.45. All with "Bisco-matic" Brush Action, easy "Flip-O" Empty, and "Sta-up" Handle.

Bissell Sweepers

The Bissell Carpet Sweeper Co.
Grand Rapids 2, Michigan

*Reg. U. S. Pat. Off. Bissell's patented full spring controlled brush

These dishes do double duty

Begins on page 220



This pottery comes in many color combinations, including chartreuse with dark green, pink with dubonnet. The 6-inch skillet is copper



Turtle casserole (top) and matching plates, cup and saucer, and saucedish with handle come in many colors. These are green, brown, tan

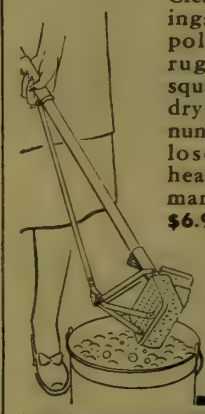


Metal holders in chartreuse, green, or white, with gold design, dress up glass baking dishes. Pottery bakers are emerald green and white

WORLD'S NEWEST, MOST USEFUL HOME APPLIANCE



For 20 cleaning uses!



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PAIN

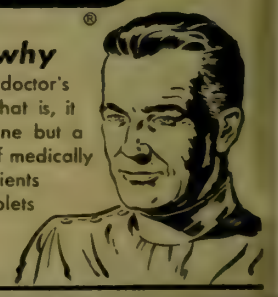
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From Your Cough Due to a Cold
FOLEY'S Honey & Tar Cough Compound

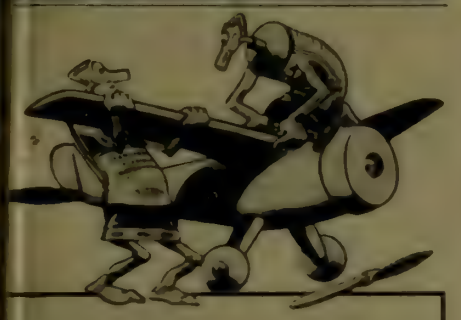


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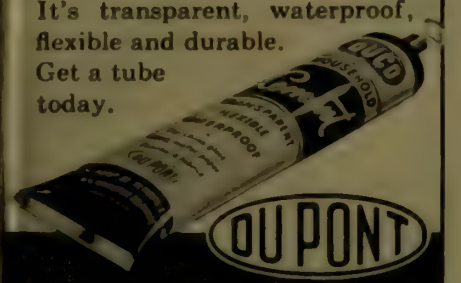
PHOENIX TABLE MAT CO., Chicago 7, Illinois



BUILD

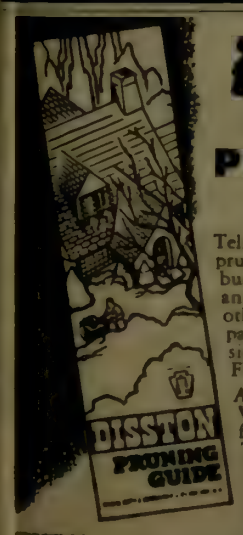
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HOW many times have you just missed a bad fall, over toys left scattered around by your youngest? You'll find it easy fun to teach him to pick up and put away his playthings if he has this gaily painted ***Toy Chest on Wheels.*** He can push it around himself, making a game of pickup time; yet it's big enough to hold all his blocks, balls, and animals. Using Pattern 3.465, Dad can make the chest in a jiffy, with only basic tools. Price, 25 cents.

We all run up against foreign food names we can't pronounce, or cooking terms that mean nothing. Find out what it is, or how to do it, by consulting this complete food dictionary. Order *Better Homes & Gardens* ***Food Pronunciation Guide.*** Booklet 89, 20 cents.



Kitchen Gadget Shelf

When the meat and potatoes, vegetables, and gravy all need attention at once, you'll find this ***Kitchen Gadget Shelf*** as helpful as a third hand. Hang it near your stove, where it's always ready with the utensils you need. Dad can make it; you can paint it to match your kitchen. Pattern 3.408 tells how, 25 cents. A gay ***Peasant Shelf*** for spice jars or small pieces of pottery will liven the Provincial kitchen. Full-sized pattern offers design to simplify painting. Pattern 3.402 is 25 cents.

If you're planning to build a new home, here's a valuable tip. *Better Homes & Gardens* book of ***Home Building Ideas*** offers you authoritative help in every phase of planning and building a new home—from selection of the right lot to installation of fixtures. Price of this complete guide, $1.

Better Homes & Gardens' ***Five Star Homes*** features plans for 66 homes. They are designed by leading architects to combine top comfort and convenience with lowest possible costs. When you find the home you want, you can buy complete ***Working Drawings.*** The book is 50 cents.



Hanging Bookcase

Handy in the bedroom, but attractive enough for your living room is this ***Hanging Bookcase.*** And it's so easy to make—just trace the full-sized pattern on wood, cut and assemble. Pattern 3.421 is only 15 cents.

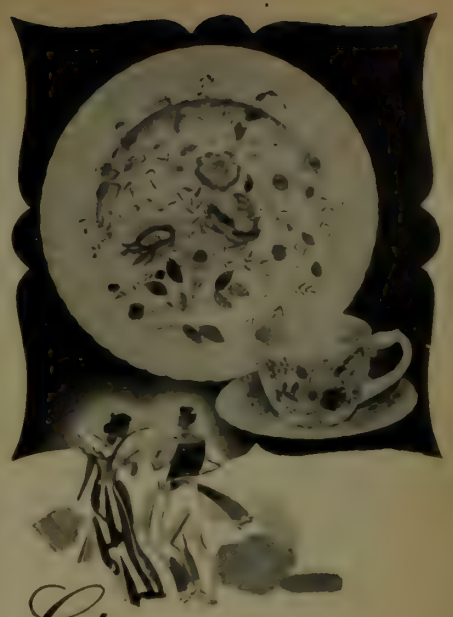
Equally easy to make, is a narrow ***Wedgewood Shelf,*** which you can hang just under your kitchen cabinets, or in the bathroom, for the little things you want close at hand. Make it from Pattern 3.404, 25 cents.

For a complete listing of *Better Homes & Gardens* booklets and patterns, write for B-J-6, ***Extra Helps.*** It's free for the asking.



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Pick the right lamp—and get better lighting

By Harry Richardson

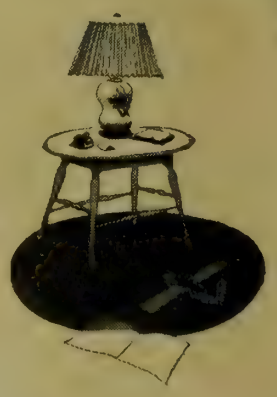
With one simple change you may see the old room in a brand-new glow



Don't expect your mantel to look dramatic by the half-light of a faraway reading lamp or ceiling fixture. Even a colorful picture hung here will be lost completely

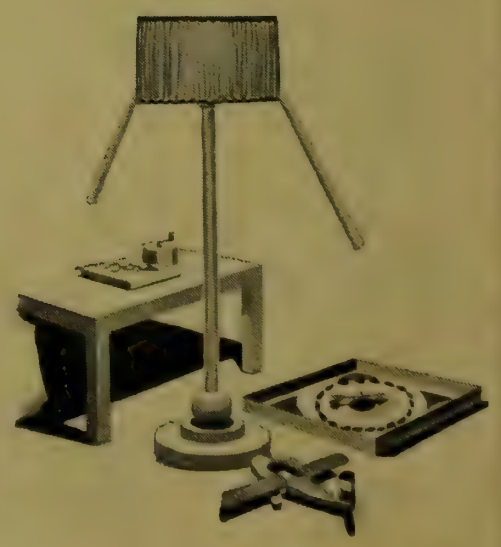
Do spotlight your over-the-mantel picture. Any low pewter, brass, or copper bowl can be wired for light. It acts as its own reflector





Don't cast large shadows in a child's room by using a small table lamp. And don't expect a china base or paper shade to last

Do keep room bright with floor lamp with light-colored fabric shade. Weighted wood base will be hard for youngsters to tip over



More on page 225

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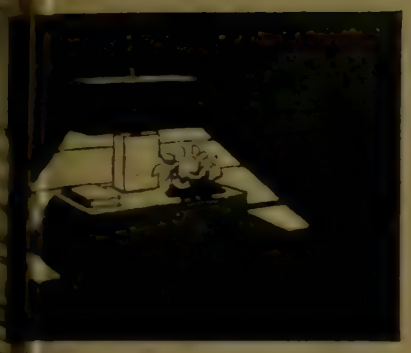
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Please rush me FREE Style Book for stout women. (32)

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Post Office.....State.....



Don't try to stretch the light of one table lamp to serve twin beds. Even the widest lamp shade and the brightest bulb won't help you

Do use separate flexible arm lamps. Light focuses just where you want it. Dad can stay up till the wee hours finishing his mystery; Mother sleeps undisturbed

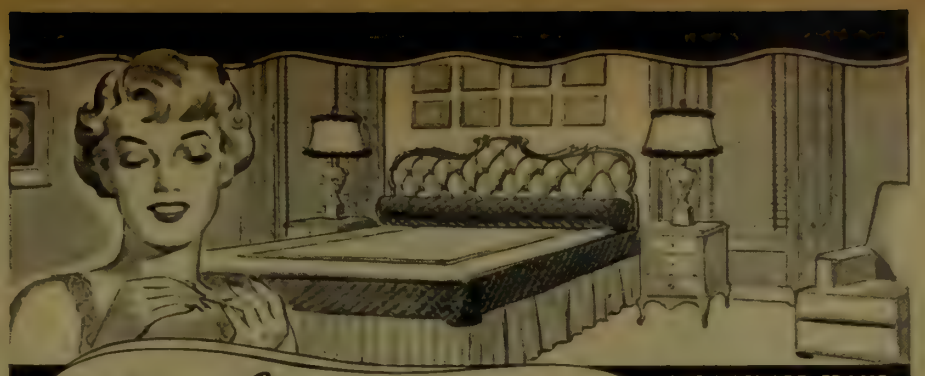




n't furnish end tables with one-bulb lamps that hide living room's beauty in half-ness. They are neither good orating nor good lighting

use tall lamps with two or more bulbs. Hang small ures low enough to be in your lamp's wide circle of light





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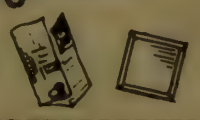
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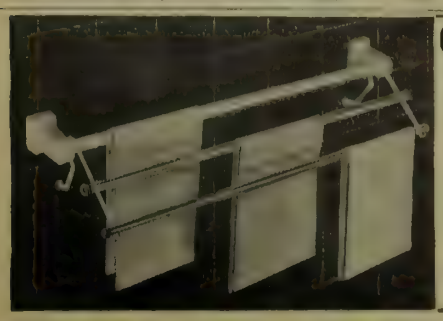
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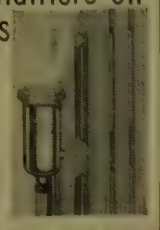
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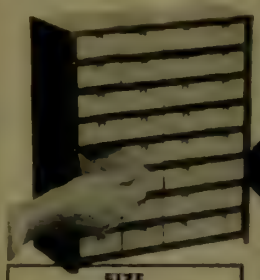
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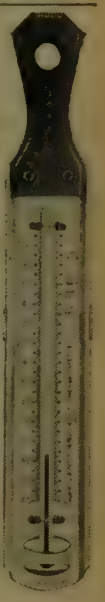
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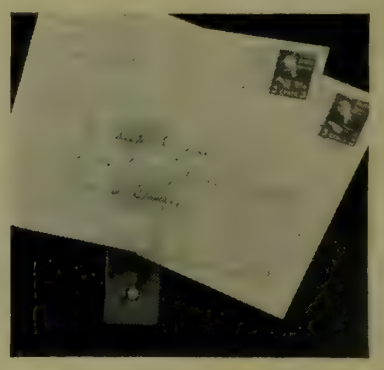
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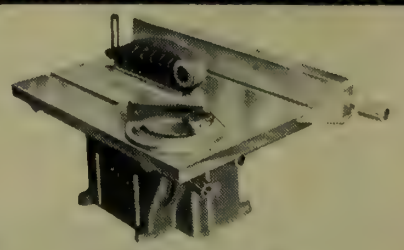
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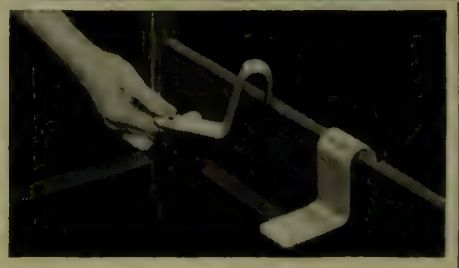
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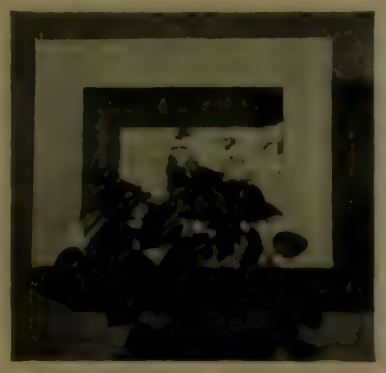
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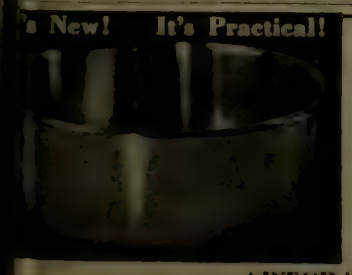


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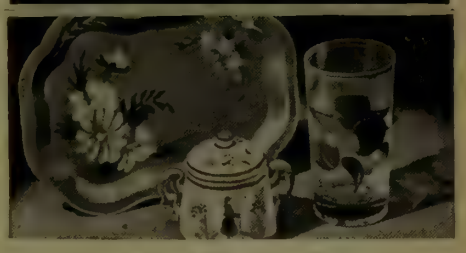


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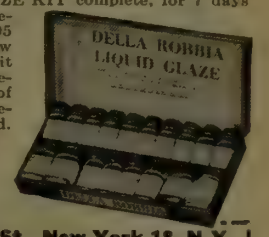
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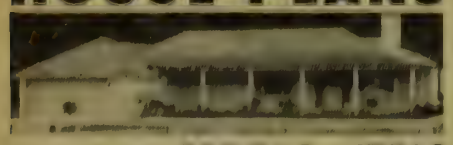
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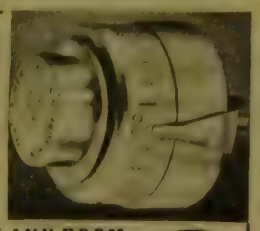
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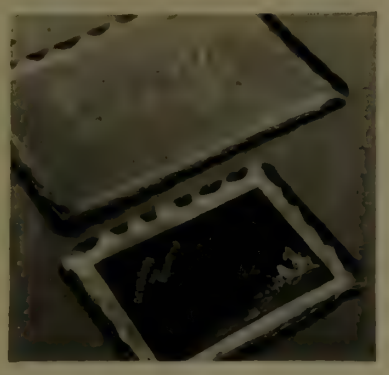
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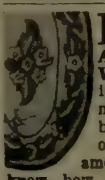
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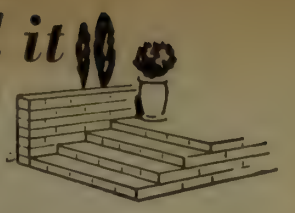
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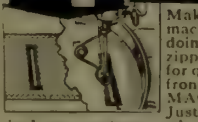
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THE MAN NEXT DOOR



One of our flossier friends vows she'd rather have a maid than be a two-car family.

"But it's rule No. 1 in the class struggle," she confides, "that when I do have a maid she always breaks my more expensive dishes first."

+ + +

Another February contrast that makes me feel my age: When I'm dressed in wool sox, scarf, sweater, galoshes, and overcoat, and encounter a sweet bareheaded young thing wearing about 24 ounces of ski clothes with the temperature only 5 above.

+ + +

One of our lazier friends complains that his active wife coaxes him to take physical exercises with her before breakfast.

"She wheedles and browbeats me," he reports, "even if I argue there isn't room enough for a man my size to squat and twist between the bed and the dresser."

So for safety's sake he gets up and tiptoes downstairs half an hour before she does.

+ + +

"It's a victory for our educators," says Les Gowan wryly, fishing his boy's cap out of the evergreen shrub. "Our kids lecture and scold us more nowadays than we lecture and scold them."

+ + +

"I could easily be led astray," says the most popular bachelor at the country club, "but fortunately I'm saved because the only women who dazzle me are so straight-laced."

+ + +

Since I gained my last 10 pounds, I've noticed that it's easier for a man to be well-poised and urbane if his clothes are loose all over, especially at the throat and waist. My blue suit is so tight that in the presence of a lovely woman I feel stuffy.

When I garage the car in late afternoon and detect the presence of six or eight teen-agers in the living room, I'm torn between two courses:

To march in boldly, as the breezy, undaunted modern parent, and exchange greetings and wisecracks on even terms as if I weren't afraid of 'em; or to tiptoe in unobserved through the side entrance. My decision depends entirely on how tired I am.

+ + +

For 12 years the kittenish blonde around the corner has put off having a baby, and she still acts like an itsy-bitsy bride.

Lately her husband's been telling her he still loves her, but that he's read in the Bible that men once took concubines.

+ + +

Our town's parties seem over-cluttered with high-toned people who took piano lessons when they were children but who can't play a note today. (Or only a small part of one ancient tune.) It makes me mourn the passing of the player piano and wish I'd claimed Grandma's when we divided up her furniture.

+ + +

For reasons too feminine to fathom, my wife's vexed with me when I point out that our town's foremost clubwoman has a son who at the age of 9 can't tie his own shoelaces.

+ + +

Well, I've been borrowing snow shovels all over the neighborhood this winter, hoping I might borrow back the one that a neighbor borrowed from me last winter.

+ + +

"Well!" snorted Phyllis Gowan, counting 14 men's shirts drying on the clothesline next door, "it's easy to see who's got the upper hand in that *family!"*

My dream girl and I differ decidedly on what really constitutes shopping. She thinks that if she buys something in the first store she visits, that's shopping. I argue it isn't shopping *unless* she visits at least *two* stores before she buys.

+ + +

I realized that our marriage was on solid and permanent ground when my wife began to offer me the kind of food I like at dinner instead of trying to make me eat the kind she and her bridge table associates like.

+ + +

Our family is embroiled in a controversy about converting our dining room into a sort of annex to the living room.

I argue that we only use it for eating about 30 or 40 minutes a day some days.

But my dream girl quiets me with the news that her grandmother would turn over in her grave at the very idea.

+ + +

When the little boy you've scolded last night leaps into your bed in the early (but not too early) morning. . . .

When your wife removes your shoes after she thinks you've fallen asleep on the davenport. . . .

When your friends treat you and your wife as if you were one unit, with a singular joint-and-combined personality. . . .

When your child confides that he feels good tonight "because I haven't done anything naughty all day. . . ."

When your son's letters begin to reveal an observing eye on the life around him. . . .

When your daughter begins to discuss boys objectively, as if they were just boys . . . .

When you find your bedtime chats with your mate more fascinating than they were 15 years ago. . . .

When you suddenly discover that your family shares your secret idealisms and scorns the same things you scorn. . . .

Then you agree with the parson that marriage is a desirable state and will endure longer than the last statue of Venus.

—HARLAN MILLER



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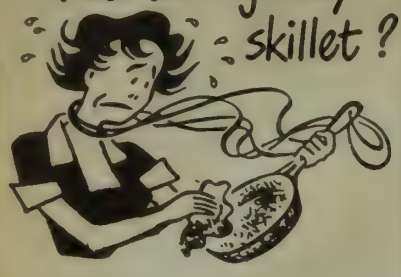
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PAINT hides bad lines

To see a miracle wrought by paint alone—without a single structural change—look at this house before and after painting

By Elizabeth Gilrain

MANY old homes were not designed, but were just built. As a result, they often have some good lines, and some bad. Because of their sound structure, heavy timbers, and size, these houses are hard to remodel except at unwarranted expense.

The answer, in many cases, is judicial use of paint to emphasize the good lines and camouflage the bad points.

The work of Decorator Helen Logan on the home of Mr. and Mrs. Fred V. Kayser of Pasadena shows how. Originally, the house had white clapboards, gray shingles, and red brick pillars. It now has only two colors—white on window frames and shutters, a dark blue-green on everything else. What a difference the repainting made is shown by the before and after photographs.



Before Big, roomy, but no beauty, the Kayser house seemed to need extensive remodeling. To change its lines structurally, though, would have been expensive. Color scheme included white, red, and gray, which brought out the home's worst lines

Photographs: Baskerville

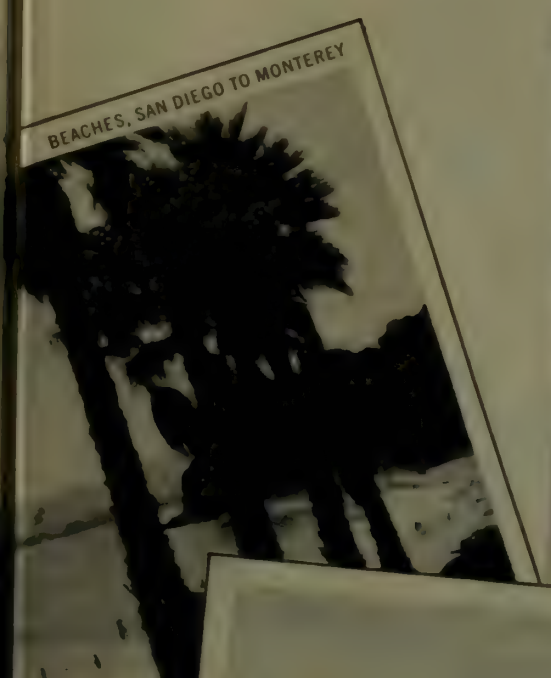


After Repainting—in only two colors—was the answer. Dark blue-green played down bad points: the prominent chimney, shingled face of attic, little windows over front door. White emphasized the good proportions of the larger windows. Note how the addition of shutters and fence (left) has also improved lines of the original house

See also "Color-style your home with paint," page 52



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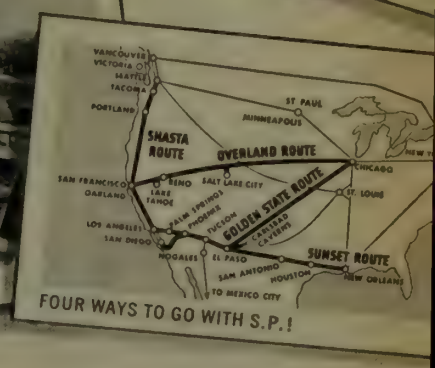


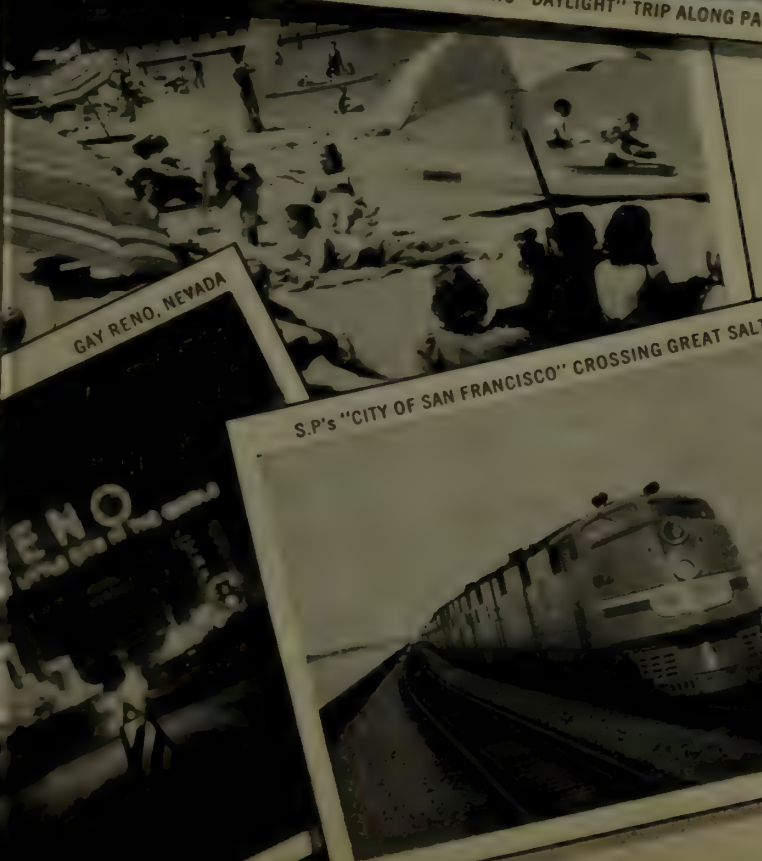












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You haven't *seen* California or the West until you've gone by S.P., the greatest road of the West. The folder offered below tells you exactly why . . . and it's packed with good California trip ideas . . . mail the coupon today.

S·P **The friendly Southern Pacific**



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When the Telephone Rings

Pop hopes it's a call from Brown & Smith, saying that business deal is OK.

Mom's expecting a call from her mother.

Sis will go into a tailspin if it isn't Harry, who hasn't yet asked her for a Saturday night date.

Buddy hopes it's Joe, asking if he can come over.

Family Story. The story of Pop and Mom and Sis and Buddy is typical of many a family throughout the country. It shows the two-way value of your telephone service. The calls you get are as important as the ones you make—sometimes more so.

Greater Value. Your telephone is more valuable today because there are 40% more telephones—about 9,000,000 more—than three years ago.

You Can Reach more people and more can reach you. The cost is small per call and exceedingly small in relation to the value of each call.

Rates Are Still Low. Telephone rate increases are much less than the increases in most other things you buy. They are far less than past increases in telephone wages, and other higher costs of providing service.

In fact, telephone rate increases average only a penny or so per call.

BELL TELEPHONE SYSTEM

Give your bedroom drama

By Betty Childs

YOURS can be a bedroom with drama—if you'll concentrate the punch in one place, then give that spot emphasis by keeping the rest of the room simple. Fancy wallpaper, frilly curtains, and costume pictures scattered throughout the room pull your attention in many directions at once. But one big impact—all in one place—will give your bedroom drama.

Take this bedroom in the home of Mr. and Mrs. Louis M. Constance of Los Angeles, for example. Though it was a small room, it used to be jammed with fanciness and frill. Now look over the bottom picture and see how much difference centering the punch in one part of the room made. Floral draperies hung against the window wall steal the scene as they are meant to do. Plain walls and simple furniture accent the draperies rather than crowing for notice.

Study these before and after pictures and see if you can't help yourself to a bedroom sparkling with drama, too.



Before Your attention wanders all over this bedroom. Figured wallpaper, ruffled curtains, and costume pictures all fight for attention

Photographs: George de Gennaro



After Now the drama of drapery panels against the far wall catches—and holds—your attention. Decorator Lorenz Hansen painted the walls a plain color and used simple furnishings to show off the draperies

See this NEW DISCOVERY for the MODERN Kitchen



Hot Water "Packaged-in-Glass"!

HOT WATER "PACKAGED-IN-GLASS" is assuring hundreds of thousands of American homes automatic hot water that's sparkling *clean*. Now you can enjoy all the benefits of this new discovery in a new kind of *Permaglas* Electric Water Heater, a popular Table-Top Model, that slips into your kitchen . . . and gives you extra, useful table work space!

NO RUSTING • NO CORRODING

Your *Permaglas* Water Heater CANNOT rust or corrode under any water condition—because the tank is glass-fused-to-steel.

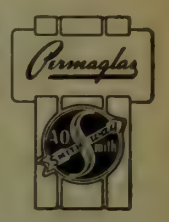


New table-top electric model, 30- and 40-gal. sizes. Other electric models, 30, 50, and 80 gal.

Annoying (and costly) tank rust that ruins your laundry, corrosion dirt that stains both water and fixtures—both are banished! You enjoy the certainty of long and dependable hot-water service. You get the finest automatic hot-water convenience at extremely low cost.

The great discovery of glass-fused-to-steel, *built-in* protection against damaging rust, is just one of many advanced "*Permaglas*" features. Ask your dealer about all of them . . . soon. At leading public utilities, merchant plumbers, and better appliance dealers.

FOR DRAMATIC PROOF, visit your nearest dealer who displays this emblem:



See for yourself this amazing new discovery . . . Hot Water "Packaged-in-Glass."

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Gregory by d'Alessio



Last year's brushes



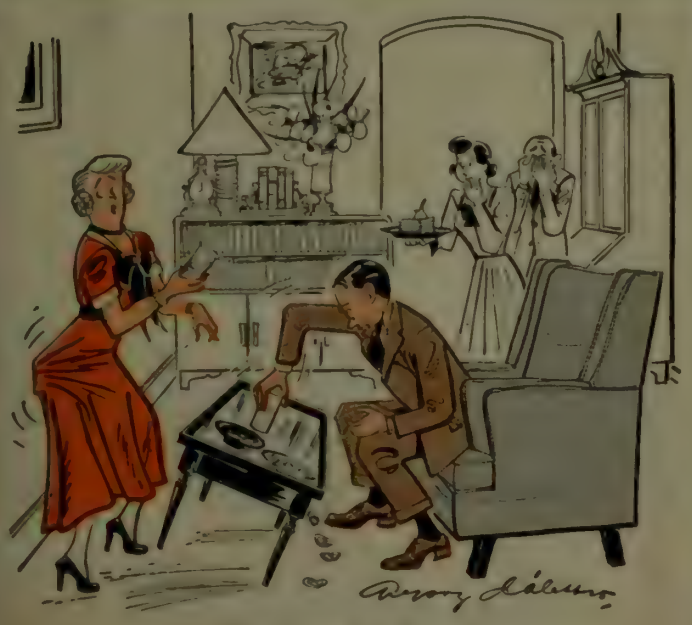
Trying to get a deep, warm mauve



Preliminary doodling



The secret of Hilary T. Quilty



They forgot the dryer

the ideal boiler for small homes



CRANE FOURTEEN

Here is the CRANE FOURTEEN designed to give high boiler performance at low boiler cost. Water circulates below the firebox, assuring greater efficiency and permitting installation on wood floors. The dark green jacket has a baked enamel finish and is heavily insulated.

The CRANE FOURTEEN is one of a complete line of Crane Boilers for steam or hot water heating designed to burn coal or coke—oil or gas. This line also includes everything you need for house heating.

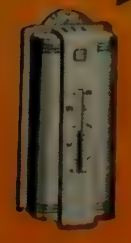
Your Crane Dealer will gladly discuss heating with you and recommend the system best suited to your home. His expert installation assures years of trouble-free service—guarding your health and comfort.

Don't delay! Guard your health and comfort the balance of the winter with a new Crane heating system. Install it now.





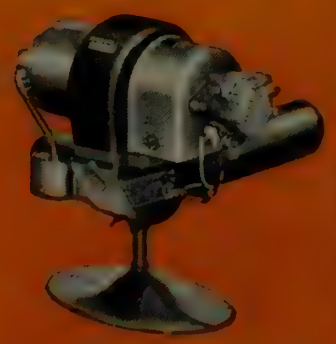
Send 10 cents for this informative booklet "How to Select the Right Heating System for Your Home."



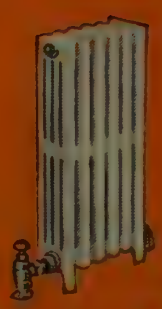
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Madeleine Swenson's smile wins a passport to a bright new world !



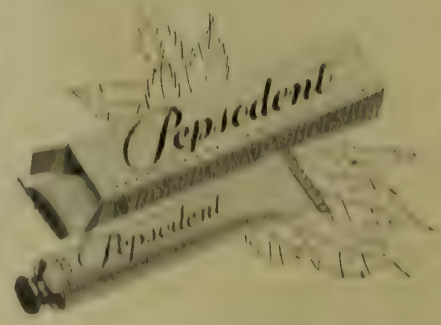


Madeleine Swenson, French War Bride, was a Paris manicurist when an American soldier fell in love with her smile. Two years later, she was one of France's most popular cover girls . . . and on her way to Mason City, Iowa, to marry her soldier fiance, Warren Swenson. Madeleine's chance at cover-girl fame came after Warren returned to the U. S. and began sending her packages which contained, in her words, "always your wonderful Pepsodent." "So I thank Pepsodent today for my big chance," Madeleine says, "Always now, my smile is a Pepsodent Smile!"

The smile that wins is the Pepsodent Smile!

Madeleine Swenson knows it. And people all over America agree—the smile that wins is the Pepsodent Smile! They've seen how Pepsodent removes the film that makes teeth look dull—uncovers new brightness in their smiles!

Wins 3 to 1 over any other tooth paste—families from coast to coast recently compared delicious New Pepsodent with the tooth paste they were using at home. By an average of 3 to 1, they said New Pepsodent tastes better, makes breath cleaner and teeth brighter than any other tooth paste they tried. *For the safety of your smile use Pepsodent twice a day—see your dentist twice a year!*



ANOTHER FINE
LEVER BROTHERS PRODUCT

Let your hot spots grow sedums

IT'S time to start thinking about planting those dry, sun-baked spots that wouldn't grow anything last summer. The answer to your problem is sedums, which come in dozens of shapes, sizes, and colors and thrive on hot sunlight. Grow them in rock crevices, or on any well-drained soil, where they'll flourish with little attention. You can start them this spring from seeds or transplants. Read below to learn more about the hardy kinds of sedums and suggested uses for them.



To dress your steps. Any of the trailing sedums like Ewers, shown here, will trim raw edges of concrete or stone. They'll look as crisp in July as when the snow leaves. Use them for draping sun-baked rock walls. The kind above thrusts up rosy bloom heads in August. Leaf color varies within some varieties

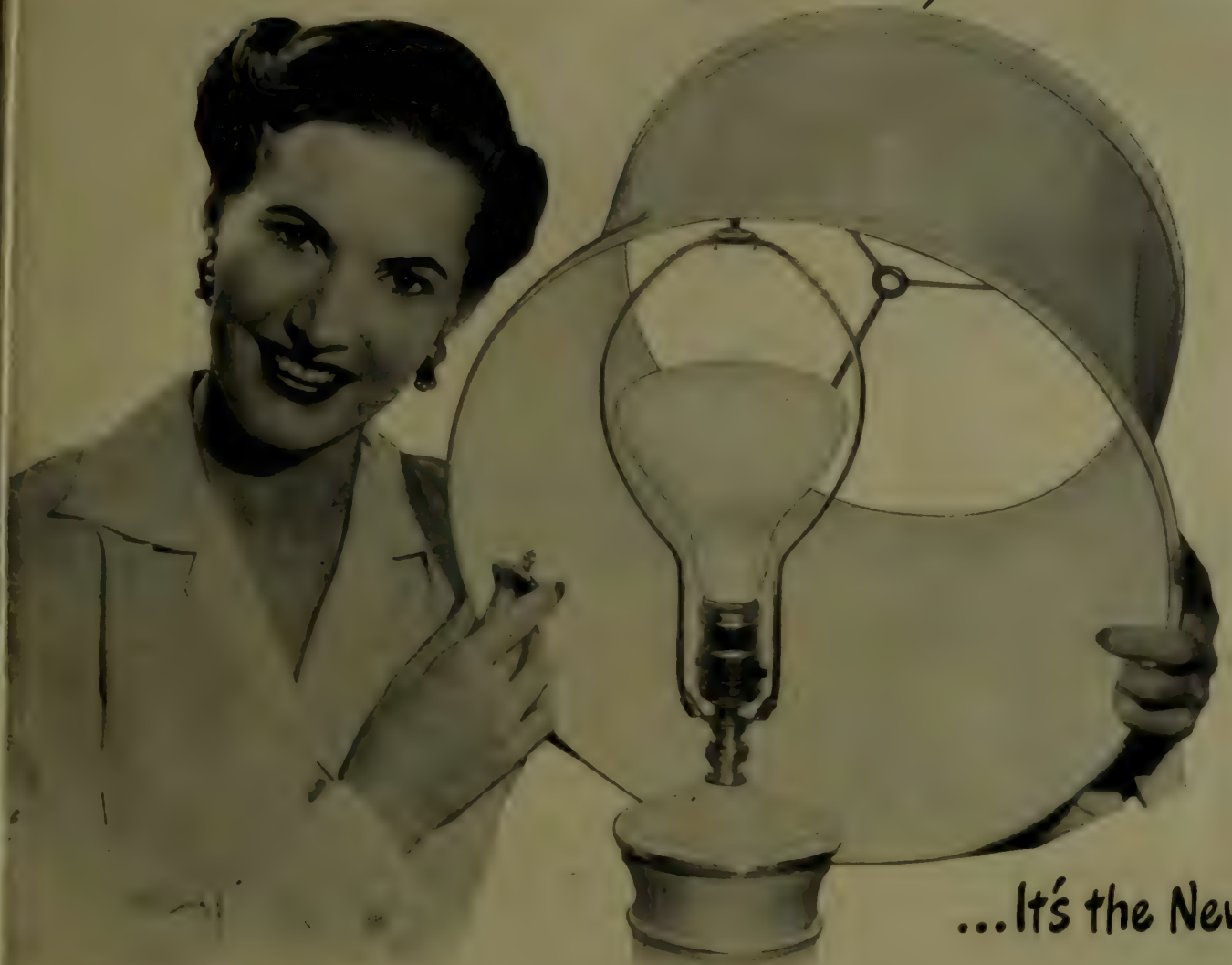
Photographs: McFarland



For spots of color. These little plants will never go back on you. You'll come to depend on their fresh leaves, year after year, in clumps of color from pearl-gray to brightest green. Most colorful of the sedums is Siebold, shown above. Its coral-edged leaves look as though they've been silver-plated, turn to smoky-purple in the fall. A bright green mosslike sedum covers the ground at left

More on page 14

There's something New IN PORTABLE LAMPS



...It's the New G-E White

INDIRECT-LITE BULB

No wonder so many lamp departments are featuring portable lamps using this new idea in lamp bulbs.

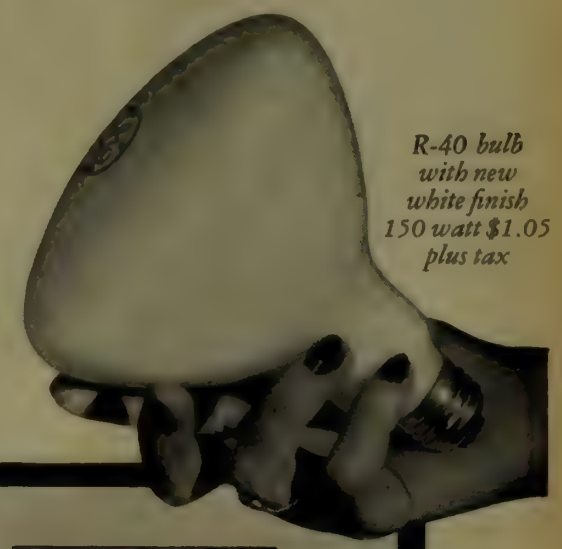
Look under the shade and you'll see why! . . . A new bulb with a marvelous new finish—for

Satin-smooth light *that caresses your eyes and flatters your decor . . .*

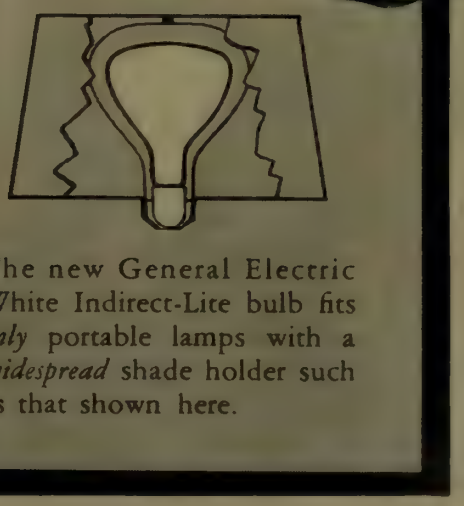
Diffused light *and a pleasing balance of upward and downward illumination . . .*

More light *than you get from many portable lamps now in general use—150 watts for easier seeing when you read or sew.*

That's the kind of light you'll get from the new G-E White Indirect-Lite bulb that General Electric makes. And to go with this new bulb lamp designers have created smart new lamp bases and lovely shades. You'll marvel at their beauty! At the wide variety of types and sizes! And best of all, you'll like the modest price tags! *Look for these new portables where they sell lamps.*

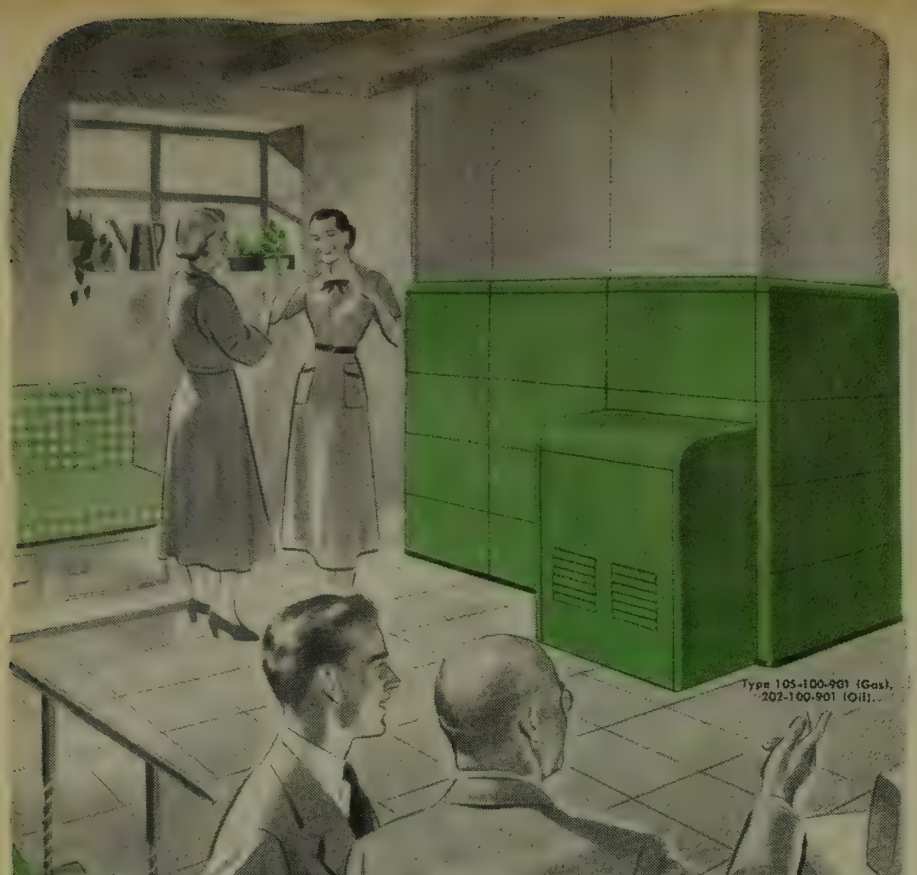


R-40 bulb with new white finish 150 watt $1.05 plus tax



The new General Electric White Indirect-Lite bulb fits *only* portable lamps with a *widespread* shade holder such as that shown here.

GENERAL ELECTRIC



Mueller Climatrol *Modular Furnaces

make it easy to afford complete, year-'round comfort

Install heating and air-conditioning a step at a time to fit your budget

Yes, you can enjoy complete all-season comfort in your home, as you want it and *as your budget allows*—thanks to Mueller Climatrol *modular* design.

This exclusive new development allows you to install year 'round air-conditioning complete at one time, or *a step at a time as you can afford it.* Each basic unit (from burner to summer air-conditioner) is designed to fit each other unit in any combination. Whether you get one complete installation, or start with a gravity furnace and add the other modular units later — you wind up with the same efficient Mueller Climatrol system.

Here's the plan many far-seeing home owners have set up, both for new homes and replacing obsolete heating equipment:

1. You may start with an efficient, fuel-thrifty Mueller Climatrol *gravity furnace,* equipped with a modular burner for gas or oil as you choose. If you want to change fuels later, simply change burners.
2. When you're ready for the next step, add a *blower-filter unit* and you have a Mueller Climatrol winter air-conditioner.
3. Finally, you can complete your system by adding the *modular cooling unit,* and you have the Mueller Climatrol year 'round air-conditioning system as illustrated above.

At any stage of expanding your modular heating and summer cooling plant you have a completely design-engineered system — not a makeshift furnace dependent on later additions.

This important new advance in home-heating design is backed by Mueller's 92 years of specialized experience in building fine heating equipment. Make it a basic part of your home planning. Ask your Mueller Climatrol dealer for complete details today. *L. J. Mueller Furnace Company, 2075 West Oklahoma Avenue, Milwaukee 7, Wisconsin.*

• • •

*Modular furnaces are composed of units designed and manufactured to standardized sizes and types. Each fits all others in any combination you choose. You can change or expand your combination as you wish.

MUELLER Climatrol
REG. U. S. PAT. OFF.



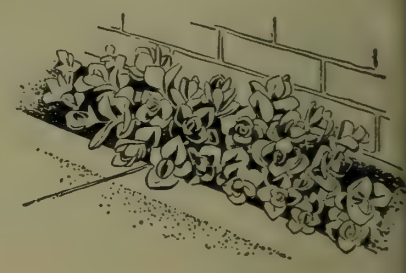
FOR GAS FOR OIL FOR COAL

Let your hot spots grow sedums

Begins on page 1



To cover bare spots. Here's a garden stand-by, the Showy Stonecrop. It's the tallest of the common sedums, and has been a favorite for generations. Like most sedums, it's good for filling blank places in your border after tulips have died down. Sedums are shallow-rooted, and they don't compete with bulbs



Squeeze sedums into narrow spaces where the sun beats down. They'll thrive, and will keep that border looking well-tended with very little care. Some sedums are green the year round



Use them in pots on the terrace. Any of them will take root and grow if you just break off a stem and bury all but the top inch. Some kinds propagate from a single leaf pressed against soil



Pick off a few stems and make a dish garden. Sedums take root without any trouble if you bury the stems in gritty soil. Since they thrive in heat, many make good winter indoor plants



Sedums take care of themselves in light soil. In places where the soil is slow to dry after the snow goes, it's best to give each plant a collar of stone chips in the fall. Collars keep plants dry and set them off nicely

More on page 204

Admiral

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Magnificent! Beautiful! Clear! That's the home-entertainment that can be yours through the years with this luxury-model Admiral. **MAGIC MIRROR TELEVISION** guaranteed to *outperform any other set, anywhere, any time* . . . super-powered for clear reception even in fringe areas . . . sharp, automatically-synchronized, mirror-like pictures on a direct view, 125 sq. in. screen. **2-SPEED PHONOGRAPH** plays standard and the new 7", 10" or 12" LP (Long Playing) records automatically . . . 4 hours of uninterrupted music. **FM-AM DYNAMAGIC RADIO** . . . static-free FM is the finest and clearest available . . . AM is unsurpassed in performance and tone. An interior decorator's triumph . . . compact in size . . . everlasting in style and beauty. Admiral Corporation, Chicago 47, Ill.

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How I retired with $200 a month

"It was back in 1928 that I made up my mind. In twenty years, I told myself, I'm going to be retired, living out in Southern California. I'd no idea, though, just *how* I'd manage it.

"Business was booming in '28. Yet there were rumblings that 'it can't last,' 'things are bound to drop.' Wasn't there *some* way for a man like me—making a fair salary but no expert on stocks and bonds—to plan to have a retirement income? A way that *couldn't* fail? So safe that I could actually afford to stop working someday, sell the house, and drive to California for good? (Mind you, I didn't have a lot of money. In fact, I never *could* build up a bank account.)

"Well, I started talking to friends about my idea of retiring. Like myself, they were in their early forties or younger. But *none* of them knew any kind of plan that seemed right for me. Then one day a man in my office showed me a copy of the Literary Digest, with an ad for the Phoenix Mutual Retirement Income Plan. 'Maybe this is what you're looking for,' he said. I read the ad through. And I knew at once—*here was my answer.*

"The ad told of a simple, systematic way almost any man of forty or so could plan to retire at 55 or 60. He needn't be rich. All he *did* need was fifteen or twenty good earning years ahead. He could make part of his present salary buy him a retirement income later. Then, when he hit retirement age, he would start collecting his first check for $150 or $200.

"Every month, wherever he lived, his checks would keep coming in—right on the dot. They'd bring him an income he couldn't lose and couldn't outlive.

"At the bottom of the ad was a coupon offering more information. I clipped it and got it in the mail right away. Back came a booklet telling all about Phoenix Mutual Plans.

"Soon as I could, I applied and qualified for a Phoenix Mutual Plan. And ever after—through the stock market crash, the depression, the war—it gave me a feeling of security I wouldn't trade for a big bank account. Best of all, in April, 1948, *I retired!* Today, just as I planned, I'm out in California. I'm enjoying sun and freedom for the rest of my life. I'd say there's just one secret to retiring—starting young enough."

Send for Free Booklet

This story is typical. Assuming you start at a young enough age, you can plan to have an income of $100 to $200 a month or more—beginning at age 55, 60, 65 or older. Send the coupon and receive, by mail and without charge, a booklet which tells about Phoenix Mutual Plans. Similar plans are available for women. Don't put it off. Send for your copy now.

ESTABLISHED 1851

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Phoenix Mutual Life Insurance Co.
761 Elm Street, Hartford 15, Conn.

Please mail me, without cost or obligation, your illustrated booklet describing Retirement Income Plans for women.

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761 Elm Street, Hartford 15, Conn.

Please mail me, without cost or obligation, your illustrated booklet showing how to get a guaranteed income for life.

Name_____

Date of Birth_____

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Home Address_____

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Are you overpaying n

Whether your tax is $60 or $60,000, the gov ernment wants only what's coming to it Here an expert who helps the big boys fin legitimate ways to save offers advice to kee you from pulling the drunken sailor ac

PERFECTLY skilled tax collection has been defined a "The art of plucking from the goose the greatest number o feathers with the least amount of squawking."

If you're an average taxpayer, it probably looks to yo as if Uncle Sam is only half skilled. For, while the govern ment gets plenty of feathers, it sets off an awful annua squawking.

However, if you examine the tax process carefully, you'l realize that the government demonstrates plenty of skill— even with the goose analogy as a standard. Most of the time you *don't* know when your feathers are plucked. And when you do feel pain, it's usually induced not by the collector's clumsiness, but by your own.

The tax that probably causes you the most pain is your income tax. It is jerked out of your pay check each week, and each year it seems to be bigger.

To many government employees, accountants, and attorneys, it is almost beyond comprehension that individual taxpayers do not take advantage of the simple means available to all of them to pay their taxes with more accuracy and less anguish. This year the government has mailed out millions of copies of a 16-page pamphlet: "Helpful Information on How to Prepare Your United States Income Tax Return." It hopes you will read it and quit sending in money Uncle Sam didn't ask for and doesn't want.

While laziness is probably the No. 1 reason for inaccurate returns that cost you money, excuses are a dime a dozen. You've doubtless heard this one: "I think it's immoral to use clever little schemes to beat taxes. A fella ought to step up and pay 'em like a man." This excuse expresses a half-truth. It *is* morally wrong to use clever schemes and cute tricks, but it is *not* morally wrong to avoid unnecessary taxes by legal means.

AS JUSTICE SUTHERLAND of the Supreme Court once said, "The legal right of a taxpayer to decrease the amount of what otherwise would be his taxes or altogether avoid them, by means which the law permits, cannot be doubted. . . ."

Another common alibi for expensively inaccurate returns is, "The tax laws are so complicated, and they're always changing. It takes a Philadelphia lawyer to understand 'em."

Again a half-truth. Admittedly, since 1929, there have been 20 major revisions in the revenue law, and a steady flow of new regulations pour out of Washington each month. Yet none of the changes really complicate things for you if you're an average taxpayer. You can still fill out your return without studying all of the changes because few of them directly affect you. For instance, the 1948 Revenue Act made fundamental changes in the entire tax structure, yet, when you start to fill in your individual return, you'll find

Uncle Sam?

MARCH 15

By Newton L. Margulies
Attorney and Tax Consultant

hat the form was not perceptibly changed. And page 1, ne 9 still contains those four formidable words "Balance f Tax Due."

BUSINESSMEN, generally, have not found the tax law o complicated that they cannot avoid taxes the law permits hem to avoid. One thing they have learned is *always to examine tax consequences before entering into a transaction.* For example, well-informed businessmen know that if they vote themselves a high salary instead of a dividend, their corporation will pay less taxes. This is because a salary is an *expense* which will *reduce* the corporation's profits (and, thus, ts taxes too). A dividend, on the other hand, is not a *reduction*, but a *distribution* of profits. It won't reduce taxes. Businessmen also know that the very form in which they do usiness may save them thousands of dollars in taxes because a corporation is taxed as a corporation and a partnership is not taxed at all. Therefore, many who did business in a corporate form have dissolved their corporations and formed partnerships.

Maybe you've been saying, "There's very little I can ave. It's hardly worth the bother." More often than not ou're just kidding, not to mention shortchanging, yourself vhen you talk like that. Too many people fail to recognize hat overlooking a $10 deduction costs them $2 (or more) in ash. And once you've set up a deduction, you can use it gain the next year, and so reduce your taxes year after ear—as long as the same expense recurs.

The tips that the average taxpayer needs to know are elatively simple, and if you're willing to learn a few of them, ou can save yourself real money.

OK, YOU say, shoot me the inside dope. Well, first of all, ou can take a tip from businessmen who have learned that nost of their transactions allow alternatives. *Taking the ight alternative* is a royal road to legitimate tax avoidance. For example, a gift to a church or charity should not always e made in cash, but, if practical, in the form of property r stock. This is because a gift of stock which was purchased or $100 and has a value at the time it is given of $250, permits you to make a $250 gift, deduct the full $250 as a charitable contribution, and yet pay no tax whatsoever on the profit you realized of $150 (the difference between $100 and $250) provided the total deducted for contributions doesn't exceed 15 percent of your adjusted gross income. If you first sold the stock at $250 and then gave the $250 to the charity, you would have to pay a tax on the $150. True, the tax may not exceed 25 percent, but $37.50 in taxes isn't hay.

The second thing you can learn from businessmen is that if you don't want to pay more taxes than you should, you must keep some kind of intelligible books. [*Turn to page 251*

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"Always one step ahead of the weather" with RUSCO

World's Largest Manufacturer of Combination Windows... the Leader since 1937

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THE F. C. RUSSELL COMPANY
Department 1-B39, Cleveland 1, Ohio

Gentlemen: Please send me illustrated literature on Rusco Windows and name of nearest distributor.

NAME .....

ADDRESS .....

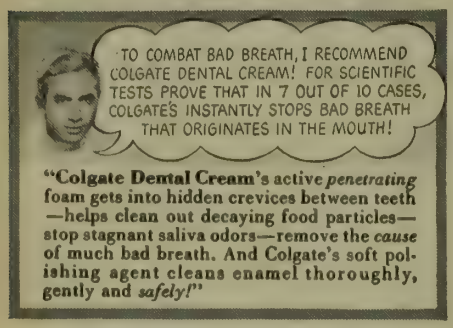
CITY ..... ZONE ..... STATE .....

I own my home ☐ I plan to build ☐

She Took a Cruise—but Missed the Boat!







"**Colgate Dental Cream**'s active *penetrating* foam gets into hidden crevices between teeth—helps clean out decaying food particles—stop stagnant saliva odors—remove the *cause* of much bad breath. And Colgate's soft polishing agent cleans enamel thoroughly, gently and *safely!*"

LATER-Thanks to Colgate Dental Cream





Always use
COLGATE DENTAL CREAM
after you eat and before every date

Living-room corner redesigned for relaxing

By Marguerite Cottington

Photograph: Balzhiser



BEFORE Tan walls, dark fireplace, and a too-small bookcase made the corner dull, uninviting

LIKE to curl up in a fireside chair aft dinner, pull off your shoes, and rela Then help yourself to a comfortable livin room corner like this.

That corner pictured at left was all Mr Dorothy Rahr of Glen Ellyn, Illinois, ha to start with. Neither the fireplace nor th tan walls looked inviting. The bookcas (right) was too small for a good-size browsing library.

In the picture below you see how muc Mrs. Rahr made of the corner. New book shelves, built to fill the whole wall spac across one end of the room and over th door, set the scene for reading. Each she is the right size and in the right place fo what it is to hold because Mrs. Rah measured her books and china before th shelves were built. Fresh gray-green wall and gray-green painted fireplace brick make a restful background for a quie evening at home. Easy chair with a hand floor lamp and end table invite you t come in, settle down, and *relax*.

Suter, Hedrich-Blessing, Ltd.



AFTER Fresh paint and new bookshelves (with lots of storage cupboards below them) give the whole room a lift. Rows of books, easy chairs, and plenty of light invite you to relax and enjoy yourself

DEEP-FRIED FRENCH TOAST

(Makes 6 servings)

Here's a delicious treat for Sunday breakfast or holiday "brunch"! These rich, sugary morsels of toast will wake up sleepy appetites—start the day smiling!

¼ cup flour • 1 egg • ½ cup milk
6 slices dry bread • Crisco for frying

All Measurements Level: Make batter of flour, egg and milk. Trim crusts from bread and cut diagonally. Dip bread into batter. Fry in deep Crisco heated to 365°F. for 2-3 minutes, or until golden brown. (Temperature is right when an inch cube of bread browns in 60 seconds.) *Notice —there's no unpleasant smoke or smell when you fry with Crisco!*

Drain on absorbent paper. Sprinkle toast with cinnamon and powdered sugar. Serve with fruit.

PAN-FRIED FRENCH TOAST:

Dip bread in batter and fry in hot Crisco about ¼" deep in heavy skillet. Fry about 3 minutes on each side.

NEW! BIGGER! BETTER! CRISCO COOK BOOK. Just out, gives you 161 exciting new recipes, lots of full-color picture pages. Send 25¢ in coin and a Crisco label any size for *New Recipes for Good Eating.* Mail to Crisco, Dept. BG, Box 837, Cincinnati 1, Ohio. Offer good in continental U.S. and Hawaii.



isco –The One and Only–
Gives you fried foods
ctors say are Digestible!

It's Crisp! It's Light! It's fried in Crisco!

Nothing brings folks to the table faster than a whiff of sizzling-crisp fried foods. And you can serve 'em as often as you like if you do your frying with digestible Crisco! For even doctors—9 out of 10 of them—say foods fried in Crisco are easy to digest!

You see, Crisco is pure and all-vegetable. And with pure, snowy Crisco it's easy to fry foods so crisp and light that each tender morsel says "have another!"

So treat your family to more of their favorite fried things. And try some *new* taste-tickling tricks with your skillet—like the festive, easy-to-fix French toast given here. Just use creamy Crisco for your frying—and you'll discover another big reason why more women are cooking with Crisco than any other vegetable shortening!







For Cakes and Pies and Tasty Fries

use Crisco

IT'S DIGESTIBLE!



You could have a basement like this

less than a week, 'most any ordinary-looking basement can be nsformed into an attractive and comfortable room. Armstrong's nlok® Interior Finish is the ideal material to use for covering ls and ceilings, and for building partitions.

Temlok is a structural insulation board made of strong wood rs. Its smooth, factory-painted surface makes an attractive, able finish. You simply nail it in place, and the room is ready se. There's no waiting for anything to dry or set.

In this basement party room, Temlok planks were used on the ls, and the large-size Temlok board for the ceiling. Small panels Temlok are also available, either in squares or rectangles. Both panels and planks have smart beveled edges.

Low-cost Temlok adds comfort, saves fuel bills. Its insulation ne makes it ideal for attics, too. Ask your lumber dealer ut Armstrong's Temlok before you build or remodel.

ND FOR FREE BOOKLET, "How to Build a More nfortable New Home." It's full of good ideas, illus- d in color. Just write Armstrong Cork Company, Build- Materials Division—4903 Farnum Street, Lancaster, Pa.



RMSTRONG'S TEMLOK

of the building materials made by the makers of Armstrong's Linoleum

Get a head start— prune in spring

SPRINGTIME is pruning time for most of your trees, shrubs, and vines. Wounds made now, before growth begins, heal much faster. Besides, you can check branch patterns and locate bad spots without foliage to hide them.

Tools for spring pruning are simple; a saw, a knife and a hand pruner will take care of almost all jobs. If you plan to remove branches larger than an inch in diameter, you'll also need a small amount of paint for covering the wounds. Ordinary linseed oil house paint is good, but be careful not to get any on the raw edges of the bark from which growth will come to cover the wound.

DON'T prune spring-flowering shrubs like lilacs and spirea Vanhoutte beyond clipping out dead and diseased wood. Otherwise you'll remove many of the branches which would produce flowers in a few weeks. Prune spring-bloomers only after they have borne their blossoms.

On the other hand, you're safe in trimming shrubs which will bloom in late July or after. Their flowers will come on new wood which will grow this year.

An unforgivable sin in pruning is to leave stubs. They can result only in decay which will finally extend into the plant. Cut tree limbs off flush, and remove shrub branches just above a bud or the next lower side branch.

If you use your pruning tools on diseased wood, sterilize them before moving to the next plant to avoid infection. Any good household disinfectant will do the trick. Burn diseased wood at once, and if there is much of it, find out why your plants are ailing.

You may want to call an expert for jobs needing special equipment, such as removal of large tree limbs. But for most other pruning problems you'll find the answers below.

Photographs: Stanley



Get your evergreens under control. Stragglers like the ones on this yew should be nipped back to get bushier growth. You can force your evergreen to spread by cutting out top shoots; prune spreading branches if you want upright growth.

More on page 23

Short of space? Don't despair!

This HIDE-A-BED makes 2 rooms out of 1!



If you're plagued by the problem of finding more sleeping space, there's a happy answer at your furniture or department store—the beautiful Hide-A-Bed,* a product of Simmons craftsmanship! By day, it's a decorator-styled and tailored sofa, covered in rich, long-wearing fabrics. By night, it becomes a big *double* bed that sleeps two in perfect comfort—on a genuine, *full-size, full-thickness* Simmons innerspring mattress. Now you can have an "extra bedroom" and new living room beauty, too! That's Hide-A-Bed, made only by Simmons! See it before you buy *any* sofa bed! See it today!



One, two! and your Hide-A-Bed opens, ready for sleeping. Simmons constructs it so cleverly that you can leave bedding on it, fold it away already made up! No other sofa bed is so solidly constructed—so handsomely tailored—with such mattress comfort!

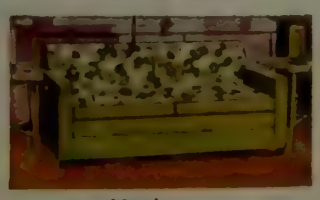


See how it opens! You can get into your Hide-A-Bed from either side. And here's good news—you can have the famous Beautyrest mattress in any Hide-A-Bed you choose! $198.00 and up, depending upon style, cover fabric, and mattress you select. (Slightly higher west of the Rockies.) Budget terms.

A STYLE FOR EVERY TYPE OF ROOM



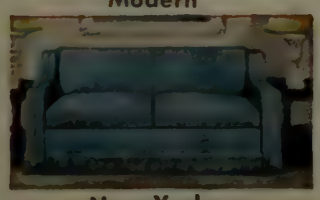
Claremont



Modern



Lawson



New Yorker

Only SIMMONS makes HIDE-A-BED

ALSO FROM THE HOUSE OF SIMMONS—the greatest name in bedding: Beautyrest—America's "luxury comfort" mattress. Electronic Blanket—a new defense against colds. Deepsleep Mattress—a fine Simmons mattress at a lower price. Babybeauty Crib Mattress—made to doctors' specifications. Ace Spring—the modern spring for the modern mattress.

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*TRADE-MARK REG. U. S. PATENT OFFICE

Was ever a car so busy!



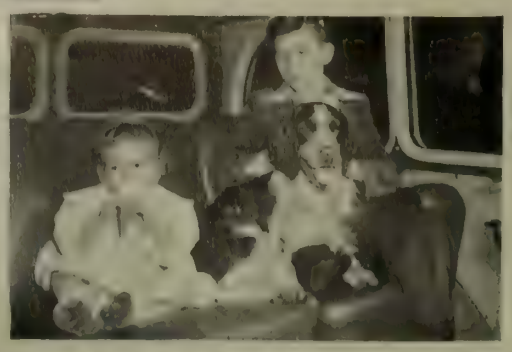
A grand car for children—only two doors and an all-steel body and top for extra safety. Big windows keep rear-seat riders from feeling "closed-in".



There's more *usable* luggage space in the 'Jeep' Station Wagon—ample for everything the whole family needs for vacation and camping trips.



Women particularly love the easy handling and parking of the 'Jeep' Station Wagon. It turns in less space, and there is wide vision forward and all around.



Sticky fingers, muddy shoes—even dogs on the seat—needn't worry you. Upholstery, interior panelling and the floor of the 'Jeep' Station Wagon are washable!

Any family who owns a 'Jeep' Station Wagon will tell you it's the *busiest* car they ever owned because it is the most *practical* and *useful*.

You can't imagine a car more perfect for families. It is wonderfully smooth riding and easy to handle and park. There is lots of room in its all-steel body . . . big windows all around . . . and hardy, easily-cleaned seat materials.

The 'Jeep' Station Wagon has big carrying space at the rear, making parcels or luggage accessible from *inside* or *out*. And if there's something large to haul—a bicycle, chair or mower—you can let down the tailgate or even remove the rear seats.

Economical? Yes, indeed—on upkeep as well as running costs.

See a Willys-Overland dealer for the car that fits family needs.

'Jeep'

Station Wagon

YS-OVERLAND MOTORS, TOLEDO • MAKERS OF AMERICA'S MOST USEFUL VEHIC

Spring pruning

Begins on page 20



Trees planted now or last fall should have some of their branches trimmed off to ease strain on the root system. The rule is to trim off about one-third of top growth. Make the most of the pruning by cutting out weak twigs, poorly spaced branches and those with bad V-shaped crotches.



Branches which rub together should be pruned to remove the offenders. Otherwise rubbing will injure bark and open trees to infection. Cut the limbs off flush, trim rough edges, and if the removed branch was large, paint the wound to seal the opening against moisture, insects, and disease.

More on page 244

"The **BUY-WORD** *for Better Plastics"*

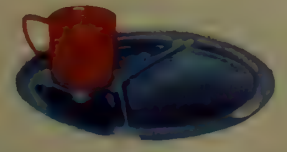
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HOUSEWARES

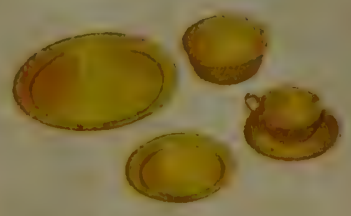
MADE OF **STYRON**

Bright!

—in your own back yard



CALIFORNIA PICNIC SET—Molded and distributed by B. W. Molded Plastics—Cheery set of four sectional plates and cups. Mix or match red, blue, green, and yellow.



IRWIN DINNERWARE SET—Molded by Great American Plastics Company and distributed by Irwin Corporation. Tableware of unusual design in blue, yellow, red.



BEVERAGE PITCHER—Molded and distributed by The Burroughs Company—Gracefully designed, capacity is two quarts. In red, green or yellow.

STOWAY SERVICE DISH—Molded and distributed by Southern California Plastic Company. Beautiful and practical. Available in coral, green, yellow, blue and red opaque colors.





DISPOSABLE SPOONS and FORKS—Molded and distributed by Plastica Co. Smooth, easy to handle. Red or white in sets of eight forks or spoons.

Housewares made of STYRON (Dow polystyrene) transform your own back yard into a gay and color-bright picnic ground. You'll find them practical, too . . . lightweight, easy to handle and durable enough to stand the rough "wear and tear" of a picnic.

STYRON is the *right* plastic for a host of functional duties in today's active living—so always look for the STYRON label and be sure you are buying the best in plastics. The items shown are sold at all leading department stores, chain and variety stores.

DOW plastics

Plastics Division HP-8 · THE DOW CHEMICAL COMPANY · MIDLAND, MICHIGAN

LOOK UP at your Ceilings!



Are they unsightly or unsafe?

Ugly creeping cracks spoil every bit of decorating you do—make your rooms look old . . . out-of-date. What a pity—when you can re-cover cracked ceilings so easily with Upson Panels . . . have a modern ceiling that won't crack . . . *ever!*



Only a matter of hours! Using Upson Kuver-Krak Panels, carpenters can re-cover your ceiling without removing plaster! No fuss or muss. No irritating delays—waiting for wet materials to dry out.

Such a change for the better!

Monotony is gone. Your ceiling has a decorative interest now. Patterns! Lovely shadow-lines! Character! Pebbled surface that matches your walls perfectly—takes paint beautifully.

And not a nail head to be found! Clever Upson Fasteners anchor Upson Ceilings from the back.

Don't waste time with makeshift methods. *Upsonize!* You can have a whole new Upson Ceiling—*guaranteed crackproof forever*—at very little cost. Call your favorite carpenter or lumber dealer today.

Do send for this helpful booklet!

Thirty-two pages of interiors in full color—all with Upson Ceilings. Arrangements by America's leading decorators. Scores of grand ideas. Sent postpaid—25c.

UPSON PANELS

Easily identified by the famous BLUE center.



THE UPSON COMPANY, 106 Upson Point, Lockport, N. Y.

I enclose 25c (stamps or coin). Send me your booklet, "New Interiors For Old."

Name_____

Street_____

City_____ State_____

UPSON PRODUCTS

Your front walk

By Frederick Lang
Landscape Architect

YOUR front path or walk is the part of your home on which a visitor first sets foot. It should provide an attractive first impression, but instead a path or walk often mars the entire appearance of a home and may even be a safety hazard. We present several problem paths, together with a landscape architect's suggestions for making them respectable again.



PROBLEM: Path across house front too close to building; shrubs crowd onto walk.



SOLUTION . . . and what's good about it:

1. The foundation planting has been removed, and the walk has been widened back to the base of the house to provide easy passage along the front of the house.
2. New planting has been put in on street side of the crosspath. The new arrangement permits use of shutters on the windows. Even where shutters are bolted open the planting should not look as though it prevented them from being closed.
3. An untrimmed hedge has been planted on the left side of the lot. It makes the house seem farther back from the street, and thus makes the walk in front of the house appear necessary.

More on page 27

Now-the joys of G-E "Speed Cooking," just by pushing buttons!



Wonderful meals . . . Shining cleanliness . . . Superfast units . . . Tried-and-true safety! . . .

ALL THIS, AND . . .

PUSH-BUTTO CONTROLS

ALL THE wonderful advantages of General Ele "Speed Cooking"! And now you get them, jus pushing buttons!

Nothing complicated to learn! So easy! And you've cooked this new way, you'll never, never wa go back to old-fashioned cooking again! *So many* saving features . . .

New Hi-Style Back Splasher! Easier to clean. Co easy to see and reach, even over pots and pans.

Tel-A-Cook Lights, now with *push-button controls.* ferent color for each speed saves guesswork. You exact heats you need for grand results.

Calrod* Units Throughout! The secret of "Speed C ing"! Superfast units, with 5 cooking speeds.

Automatic Oven Timer—lets you leave the house a meal cooks—automatically turns oven *on* and *of*

No-Stain Oven Vent—avoids smudgy walls, curt Saves kitchen-cleaning time!

Built-in Pressure Cooker and Tripl-Oven—read a them below.

*Trade-Mark Reg. U. S. Pat. Off.



The General Electric "Stratoliner," shown and described. The "Speedster," another great range buy, gives you the new hi-style design, colored Tel-A-Cook switches and the exclusive Tripl-Oven. At your G-E retailer's. General Electric Company, Bridgeport 2, Conn.

AUTOMATIC "SPEED COOKING" RANGES

cooking ease! Meals like Mother's (so-o good) much easier when you simply *push buttons.* Suppose stirring something—no need to stop, to turn hes back and forth. The touch of a button gives *exact* you want.



Built-in Pressure Cooker! Has dependable, inside sealing —saves ⅔ cooking time. Also equipped with a nonpressure top, making possible thrifty, deep-well meals. And if you need an extra surface unit, the deep-well Calrod glides smoothly to the top.



Big 3-in-1 oven! That's the famed Tripl-Oven! Master Oven holds 30-lb turkey. Or adjusts into a sm Speed Oven, that *heats faster than any conventional oven!* Also includes—waist-high Calrod broiler. Gives delicious charcoal-broiled taste!

GENERAL ELECTRIC

To every wife who sighs over bills



Your CANNON GIRL says: Cannon Percale Sheets, costing just a little more than heavy-duty muslin, have always been a nifty buy...



Today you get a wonderful hand-to-believe EXTRA for the very same money...



Now Cannon Percale Sheets are COMBSPUN! Cloud-soft cotton is combed till just the longer, smoother fibers remain!



These Combspun Cannon Percale Sheets are marvelously STRONG (for long wear); beautifully LIGHT (for easy laundering and bedmaking).



All in all, they're the perfect dream-sheets for YOUNG-MARRIEDS ... and longer-marrieds, too!



Step to your sheet counter...ask for new COMBSPUN CANNON PERCALE SHEETS!

CANNON

Cannon Percale Sheets—Now They're Combspun

CANNON TOWELS . . . STOCKINGS . . . BLANKETS ★ CANNON MILLS, INC., NEW YORK 13, N. Y.

COPR 1949 CANNON MILLS INC.

Is your front yard chopped to pieces?



PROBLEM: Too many walks for size of yard, but owner doesn't want to use driveway as a walk; the planting chops up yard.



SOLUTION . . . and what's good about it:

1. The front walk has been replaced by a narrow one along the driveway. The new path is adequate for foot traffic but is separate from the drive and is raised about 3 inches above it. The curbing between the two is rounded, making it easy on tires, but is enough to warn that you are running up onto path.
2. The new planting is simplified and co-ordinated. The chopped-up effect given by the former "scatter-gun" planting is gone, and shade has been added. The lawn now seems much larger, and mowing and watering are made easier.
3. A terrace-walk has been built to take care of traffic across front of house and around to back. The terrace also helps to tie house to lawn.
4. A boxed plant has been used to fill in the bare spot in the corner by the doorway.

More on page 236

RONSONS FOR TABLE AND DESK
in heavy silver plate

so lovely

In every room in the home, in any office, graceful, silver-plated Ronsons never fail to charm the eye. All ways, they're held in admiration!

(right) Ronson GEORGIAN
$12.50 (plus tax)



so useful

One fueling lasts for months. With its famous, patented, one-finger, one-motion action, each Ronson serves your guests a ready light. Just—
PRESS, IT'S LIT!
RELEASE, IT'S OUT!

(right) Ronson DECANTER
$14.50 (plus tax)



---so safe

Safely out the instant you lift your finger! Every Ronson for desk and table brings new security from fire hazards in your home.

(right) Ronson MAYFAIRS
$16.50 the pair (plus tax)



The famous Ronson "CROWN" Table Lighter in gleaming silver plate... $11.00 (plus tax)

Perfect to own—and give! At your dealer, see these and other graceful Ronson Table and Desk Lighters, in heavy silver plate, starting at $9.00, plus tax . . . Ronsons for pocket or handbag, as low as $6.00.

FUN . . . EXCITEMENT. Tune in to Ronson's "20 Questions" Saturday nights, Mutual Network (Pacific Coast, Sunday nights).
HEAR RONSON'S "JOHNNY DESMOND SHOW" with the songs you love, every Sunday night, Mutual Network.

TELEVISION. Ronson now on Television in many principal cities.

RONSON®
means WORLD'S GREATEST LIGHTER

NEWARK, N. J.
TORONTO, ONT.
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There's no other cereal like it!

CORN *for flavor and energy*
SOYA *for body-building protein*

"The Twin-Treat Breakfast"



For a more nourishing breakfast*

It isn't only the crisp, sweet taste that makes this just about the most satisfying cereal you've ever eaten for breakfast . . . it's the stays-by-you nourishment of Corn-Soya with milk. It provides against mid-morning slump! CORN brings you glorious flavor and up-and-at-'em energy. SOYA brings you more body-building protein* than in any cereal. Whole-grain vitamins and minerals. Get some at your grocer's.

*The protein value of one ounce (2/3 cup) of Corn-Soya with four ounces of milk equals that of one egg with three slices of bacon. It's real nourishment and real economy.

Does it really matter?

It's easy to say "No" to everything, but where does it get you?

By Helen Hungerford

"DOES it really matter?" "Will it make much difference one way or the other?" These are the questions to ask yourself when your children want to do something unusual.

When our 8-year-old Dorothy wanted to make a butter icing for a cake "all by myself, Mother," I was tempted to say, "No, you are too little." But I let her make it. She was thrilled, though it wasn't very good. Did it really matter?

Our older daughter Jean decided recently that she was going to walk to school, instead of riding her bike, because almost everyone else walked. School is quite a distance and her legs get tired. But does it really matter?

I haven't always taken this "Does-it-really-matter?" attitude. When my son was born, I was sure something terrible would happen to him unless I clung rigidly to a schedule. The schedule was enforced with an iron hand. The only trouble was that my small son didn't like the way his life was arranged. Instead of being hungry for his evening feeding at 6, as he was supposed to be, he began yelling at 5:30. I let him yell nightly for two whole weeks before I dared to defy the schedule and feed him a half hour earlier. The result was a happy baby and an unharried mother. I should have asked myself sooner, "Does it really matter?"

I STRUGGLED to get Jack to eat strained carrots, which he disliked intensely and refused to swallow. He won in the end. He never has eaten carrots, and so far as I can see the lack of them has never hurt him. Did it really matter?

When Jack was 2, we moved into a house with only two bedrooms. We set Jack's crib up in the second bedroom, which was furnished as a guest room. With two perfectly good single beds in his room, Jack didn't see why it was necessary for him to sleep in a crib any longer. Every night he protested that he wanted to sleep in a bed.

Finally I got wise and decided it was better to take a chance of having him fall out of a single bed rather than have him dangling from the top of a crib. Once he was settled in a real bed, he was proud and happy.

I determined to go along with him in the future on little things like this, instead of always opposing. And I'm sure that this is a lesson all parents might learn. It doesn't spoil your child. It does help develop his abilities.

WHEN Jack was 12, he wanted a paper route. I didn't like the idea of having him delivering papers in all kinds of weather. But he wanted to earn money. Finally his father said, "Does it really matter? Let him try it."

It wasn't always convenient for us to arrange our lives around a newspaper route, but we went along with him. His route was a success. Managing it taught him a lot.

Ask yourself if it really matters when your boy or girl wants to do things before you think he's ready.

A "Does-it-really-matter?" attitude will make children cooperative friends instead of rebellious individuals resenting your authority. When you do have to say a definite "No" to something, your children will know you must have a good reason.

A Better Homes & Gardens child care and training feature

JOAN CRAWFORD starring in "FLAMINGO ROAD," *A Michael Curtiz Production released by Warner Bros.*



Photograph, Bert Six

73495—The Men

The Mahogany is SOLID... *and so is the* VALUE !

Enjoy the graceful beauty and luxurious quality of this Lexington Colonial Grouping...in SOLID MAHOGANY by MENGEL

Want to get most for your money?

Well, feast your eyes on these breathtaking new *Lexington* pieces by Mengel. Notice the authentic Colonial styling: delicate pierced-brass drawer pulls, graceful Lexington base, handsome pineapple finials on the roomy poster bed . . . the crystal-clear mirror, surrounded by a charming pediment frame. Every detail reflects the American heritage of fine craftsmanship.

Now look at the wood . . . the gleaming, oven-hardened finish . . . the luxurious grain figure . . . the rich, satiny luster that spells fine cabinet wood. That's mahogany. *Solid* mahogany. From Mengel's own timberlands in Africa.

And you get more. Much more. For . . . like all Mengel Furniture . . . every piece is *Permanized*.*

"Permanized" is Mengel's name for their exclusive scientific method of building durability into your furniture. Joints and veneers in furniture built by this method will never come apart. No matter what the climate . . . hot or cold, damp or dry . . . your Mengel *Permanized* Furniture *stays* sound and beautiful.

There's another point you'll like. This suite is made in solid maple as well as solid mahogany. Choose the wood you prefer. Whichever it is, you can be sure you're getting solid value for your money in this graceful Colonial suite.

Mary Adam's new booklet, "Make Your Own Design for Living," gives you many valuable decorating hints and color harmony suggestions by the famous Rahr Color Clinic. Be sure to mail the coupon and ten cents for your copy. You'll be glad you did.

For the name of the nearest Mengel dealer, phone Western Union by number and ask fo Operator 25. The Mengel Company, Louisvill 1, Kentucky. Established 187

IN MAHOGANY, MENGEL MEANS MOR

Permanized MENGEL *Furniture*

Mengel Furniture is available in both modern and traditional designs. The prices of the pieces, shown above, are approximately: Poster Bed, $87.95; Vanity, $154.75; Chest, $149.00; Night-Stand, $47.95; Bench, $22.95 (slightly more, west of the Rockies). Other Mengel furniture ranges in price from $199 to $369 for three principal pieces.



MARY ADAM — The Mengel Company, Dept. 196
Louisville 1, Kentucky

Enclosed is 10¢. Please send me your new booklet, *"Make Your Own Design for Living."* (If you live outside Continental U. S., send 25¢.)

Name_____

Street_____

City_____

*Reg. U. S. Pat. Off.

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*Gorham "Lyric"**



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THE GORHAM COMPANY



"...nothing else can make you feel quite so luxurious..."

Sunday Morning Magic

THIS IS NO DREAM...no rich-girl fantasy. On Sunday morning, a bit of lovely magic wakes you gently. Your tray arrives...with your favorite breakfast, your best linen, your treasured Gorham Sterling, and even a fresh flower...all served by *him*. He senses somehow that nothing else can make you feel quite so luxurious as breakfast in bed...and he secretly enjoys fixing it...because it's another way to say "I love you"...

Lovely Gorham Sterling touches even a modest meal with magnificence...stirs within a woman's heart not only pride of ownership, but pride in a gracious way of life.

Fine sterling is *solid* silver that never wears out. You'll find, in fact, that Gorham* Sterling becomes more beautiful as you use it at every meal, every day...that with every tomorrow, it becomes more priceless to you and your children. Perhaps you will choose Gorham "Lyric"* (above), a rhythmic pattern of light reflections, gracefully simple.

The easy way to buy Gorham is in units of six-piece place-settings, costing about $26.00 (Fed. tax incl.), depending on which pattern you choose. Send for illustrated book "Entertaining...the Sterling Way," 10c (outside U.S.A., 40c). The Gorham Company, BHG-33, Providence, R. I.

*TRADE MARK

Gorham
STERLING

AMERICA'S LEADING SILVERSMITHS SINCE 1831

Garden clinic

Straightening evergreens

Q Some of my evergreens came through a winter sleet storm with their tops badly bent. Will they straighten up by themselves?—*M. K. C., Nebraska.*



They'll need help, just as the junipers shown above do. Sleet and sticky snow are great damagers of evergreens whose thick foliage gets loaded down until the tree bends or even snaps off. Often trees remain bent even after the snow is gone. If your trees look like this, they may remain permanently crooked unless you straighten them.

Photographs: Stanley



Here the needed help has been given. Each trunk is straightened by tying it to a long splint rod with well-padded cord. Guy wires (arrows) hold trees erect and are tied to the rods to avoid bark injury. Such inconspicuous support will give the trees back their erectness.

More clinic on page 249



Be sure it's a Toastmaster Toaster

AND LOOK AT ALL YOU'LL ENJOY!

Here's rich, reflective beauty . . . long-enduring yet mirror-fine. Here's smart yet thoughtful styling that challenges all fashion change. Best of all, here's perfect toast every time—to everybody's taste. Yes, *enjoyment* is what you get from the famous "Toastmaster" Toaster . . . enjoyment for a long, long time. For people tell us how happy they are with "Toastmaster"* Toasters they've been using for *twenty* years . . . and over! So why settle for less than the one you'll be so proud of? Make yours *America's most-wanted toaster.* Just remember to . . .

Look for the **TOASTMASTER** *name on your toaster . . . others will!*

PERFECT TOAST ALWAYS
The famous Superflex toast timer automatically pops up perfect toast every time.

EASY TO KEEP CLEAN
Touch the button and the crumb tray opens instantly for quick, easy cleaning.

SAFE, COOL HANDLES
Lift the toaster easily and safely by the large, cool, finger-fitting handles.



TOASTMASTER Automatic Pop-Up Toaster

*"Toastmaster" is a registered trademark of McGraw Electric Company, makers of "Toastmaster" Toasters, "Toastmaster" Electric Water Heaters, and other "Toastmaster" Products.
Copyright 1949, Toastmaster Products Division, McGraw Electric Company, Elgin, Ill.



"Mm-Mm-Mm... My strawberry kitchen looks good enough to eat!"

designed in

Firestone Velon*



FILM PRODUCTS, COURTESY SANIMODE CORP.

...and good enough to eat in! See how I framed that awkward bay window with two cottage sets of luscious, strawberry color *Velon* film curtains. For a dinette area, I resurrected an old "parlor" table and chairs from the attic, slip-covered them and draped a strawberry color *Velon* cloth over the table for protection. My fresh-fruit motif is repeated again and again...in the *Velon* film shelf edging that frames my "picture" plates...in *Velon* film food bags, bowl, electric mixer and toaster covers. I topped it all off with leaf-green walls and whipped-cream woodwork. Now who could resist picking my "strawberry" kitchen!

Delectable-looking, tough-wearing *Velon* film retains its soft, supple drape and lustre. Spills won't stain it; *Velon* wipes clean with a damp cloth. Look for products made of *Velon* film, a first quality material, at your favorite department or variety store.

*TRADE MARK

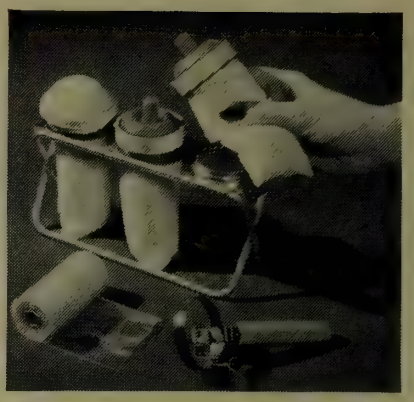
Guaranteed by Good Housekeeping — Replacement or Refund of Money if Not as Advertised Therein

Listen to the Voice of Firestone
Monday Evenings over NBC

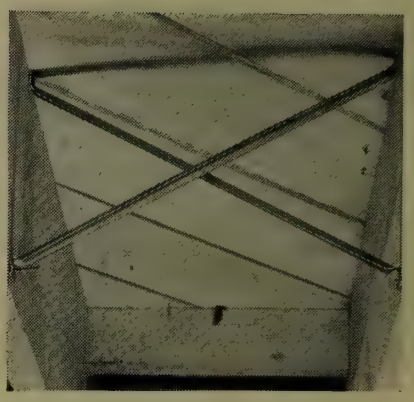
©1949, FIRESTONE PLASTICS CO.

It's NEWS to Me!

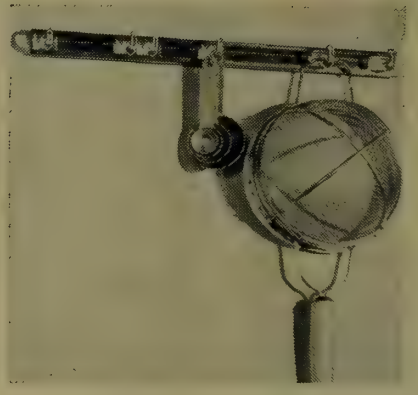
By Gretchen King



Disposable nursing bottles are pliable plastic film, come already sterilized in rolls of 100, heat-sealed in sections to hold 4 or 8 ounces of formula. Bottle collapses as baby nurses so there's no air for him to swallow. Natural-action nipples allow baby to nurse easily. Kit consists of 2 racks for assembling and storing; 6 boilproof nipples, rings, and caps; bottle expander for filling and assembling; roll of 100 bottles. *Shellie Nurser Kit* with pink, blue, or white trim, $6.95, in stores or ppd. Additional bottles, $1 per roll. Shelmar Products Corporation., Mount Vernon, Ohio.



Steel braces for wood joists are installed with one nail at each end; the flange-grip ends of the braces bite into the wood and give more strength than is possible with wooden braces. Braced floors stay level and quiet, since joists are held in place even during shrinkage, and weight is distributed evenly. *Sta-Tite Steel Bridging* is at dealers only for 10c per brace. Beloit Steel Industries, Inc., City Hall Bldg., Rockford, Illinois.



Hooks for kitchen equipment, tools, accessories, or clothes hangers slide freely in a stainless-steel track to accommodate articles of various sizes. Bases of hooks are square, permit hook to be turned four different directions. Track can be mounted under a shelf, flat against a wall, or upright. Hooks are transparent plastic each capable of supporting 15 pounds. *Trahook* is 90c in stores or plus 10c postage from H. B. Dodge & Co., 332 S. Michigan Ave., Chicago 4, Illinois.



Hanging rod for your ironing clamps right on the ironing board where it's handiest to use. Clamp may stay on the board while rods pull out for storage. Will hold 12 hangers to keep clothes smooth after ironing and let them finish drying. *Sav-a-Step* is red enamel with chrome-plated rods. In stores, $2.98. Huffeld Engineering Co., 228 Main St., Peoria 2, Illinois.



Cushionlok carpeting is carpet and underlay all in one. Sponge rubber is blown into the backing, binding the tufts and making the carpet ravel-resistant and flexible. No underlay is needed since the sponge rubber backing remains permanently resilient. Strips 27" wide are laid with adhesive to produce a seamless effect, without stretching. Carpet may be relaid, recut, and re-used, or repaired on the floor. *Cushionlok* is available at dealers, in loop pile in popular colors; about $12 per yard. Bigelow-Sanford Carpet Co., Inc., 140 Madison Ave., New York 16, New York.

More on page 34

Car shown—COMMANDER STARLIGHT COUPE

Announcing
the new 1949 Studebakers

A new vogue in interiors by Studebaker stylists!



A VIEW INSIDE THE LUXURIOUS NEW 1949 STUDEBAKER LAND CRUISER

A NEW STUDEBAKER style leader now swings on the scene! A dramatic new version of the new vision, the new ride, the flight-streamed new look that Studebaker originated is now ready!

A new Commander with new power! A new Champion with new glamor! A special extra-long-wheelbase new Land Cruiser—style-marked with a new distinction!

You open the doors on new beauty that makes you gasp—refreshingly different new decorator-fabric upholsteries of captivating tones and richness—superbly designed new instrument panels and appointments.

Body finishes in new colors that raid the spectrum! Dreamlined sedans, coupes and convertibles with smartly styled new grilles, massive new wrap-around bumpers—and the most attractive contours that ever graced a car!

Take a moment to take a look—you'll find you want to take an hour to admire all the new luxuries and advancements in these 1949 Studebakers.

It's a Studebaker year again all over America!



DEPENDABLE COMFORT

For All the Years to Come!

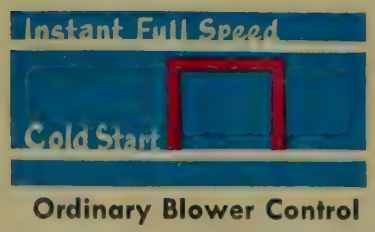
When you buy a Waterbury you are not just buying a furnace — you are equipping your home with trouble-free comfort. If you want true fuel economy—freedom from service calls — dependable comfort all winter long—then you want a Waterbury!

Waterbury

FURNACES and AIR CONDITIONERS

for

Gas — Oil — Coal



Ordinary Blower Control



Master Blowertrol

Say "Goodbye" to Cold Drafts — Hot Blasts — "Cold 70"

The Master Blowertrol—now standard equipment on Waterbury Air Conditioners—will give you freedom from the discomfort of drafts and stratification. Ask your Waterbury Dealer about Blowertrol.

Over 40 Years in Warm Air Heating

THE WATERMAN-WATERBURY CO.

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Please send me "Seven Steps to Indoor Comfort" and the complete folder of Waterbury Units, also the name of my nearest Waterbury Dealer.

Name _____

Street or RFD _____

City _____ *Zone* ___ *State* _____

"It's What's Under the Casing that Counts"

It's NEWS to me!

Begins on page 32



Tire lift eases wheel off car when the tire goes flat; hoists spare wheel onto hub with a minimum of effort. Tip of lift pries off hub cap, or removes casing from wheel when necessary. Lift is non-rusting aluminum alloy with lever action to give the most lift for the least pressure. *Lutz Tire Lift*, $1.98, in stores or ppd. Lutz Tire Lift Company, 2168 Juliet Ave., St. Paul 5, Minnesota.



Folding chairs can be handsome and comfortable. Frame is lightweight magnesium. Folding mechanism is simple to work, but makes chair completely rigid. Back and seat are padded with foam rubber, upholstered with leatherette in red, blue, green, cream, or tan. Use as extra chairs for parties, or permanently in small dining areas. *Solid Kumfort Folding Chair*, $39.75, in stores only. Louis Rastetter & Sons Co., 1300 Wall St., Fort Wayne 1, Indiana.



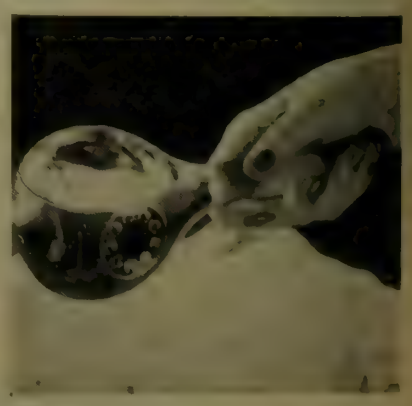
Stepladder with platform-type steps prevents arch and leg fatigue, gives you freer motion. Third and fourth steps are hinged, swing up out of the way for complete knee freedom. Since your weight is squarely centered, the ladder will not tip. *Shur-Foot Ladder* is smoothly finished wood with steel braces; 4½′ or 5½′, about $9 and $10, in stores only. Craft-Bilt Products, Inc., Hastings, Michigan.



Sliding doors add space and trim lines to your home. The suspension mechanism shown fits into standard 4-inch walls, eliminate the use of tracks, but suspends door at the back on scissors action brackets. Door may be removed for adjustment if settling causes binding. Door slides back and forth at a slight touch. Completely concealed mechanism is noiseless. *Dorflo Floating Action Door Hanger* is at dealers only, $14.90. Dorflo Manufacturing Co., 1902 First Ave., Hibbing, Minnesota.



Gardens grow their best only when seeds are planted at the right depth. In using the tool shown, you set the upright plate between the blade and roller at the depth required, with a wing nut. As you pull the tool forward, the plate makes a trench. After seed is sown, reverse the tool so the wooden roller rests across trench. Pull back so the roller refills trench smoothly and firmly. The 4-foot handle lets you stand up straight. *Tommie Furrow* is $1.98, in stores or ppd. Tommie Furrow Co., 4000 21st Ave., So., Minneapolis 7, Minnesota.



Sprinkle clothes for ironing with a stemmed glass ball. Water is released through small openings on the flat side of the ball. Handle fits your hand comfortably; a rolling wrist motion sprinkles effectively. Use it, too, for watering plants. *Comet Clothes Sprinkler*, 50c, in stores or ppd. K. R. Haley Glassware Co., Inc., 315 Huff Bldg., Greensburg, Pennsylvania.

Smoke a LUCKY to feel your LEVEL best!

Luckies' fine tobacco picks you up when you're low . . . calms you down when you're tense!



Luckies' fine tobacco puts you on the right level—the Lucky level—to feel your level best, do your level best.

That's why it's important for you to remember that LUCKY STRIKE MEANS FINE TOBACCO—mild, ripe, light tobacco that makes a thoroughly enjoyable smoke. No wonder more independent tobacco experts—auctioneers, buyers and warehousemen—smoke Lucky Strike regularly than smoke the next two leading brands combined.

Light up a Lucky! Luckies' fine tobacco picks you up when you're low, calms you down when you're tense. So get on the Lucky level where it's fun to be alive. Get a carton of Luckies and get started today!

COPR., THE AMERICAN TOBACCO COMPANY

L.S./M.F.T.—Lucky Strike Means Fine Tobacco

AMERICAN-Standard

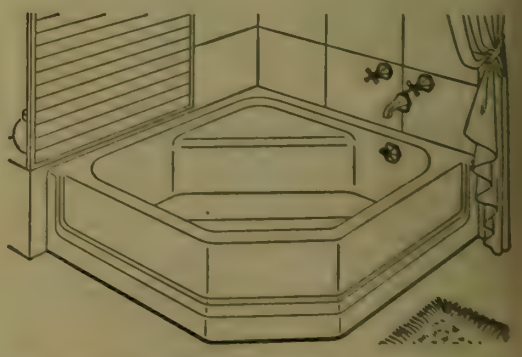
First in heating...first in plumbing



...for automatic gas heating in smaller homes.

First in design...first in demand

WHAT'S your heating preference? Winter air-conditioning? Warm air heating? Radiator heating? Radiant heating? And what kind of fuel do you favor? Whatever your preference, you'll find heating equipment in the American-Standard line carefully designed to do your particular heating job efficiently and economically. This equipment is sold through selected Wholesale Distributors to your Heating and Plumbing Contractor. Easy time payments for remodeling. Write for free HOME BOOK, a handy guide to quality heating and plumbing products. **American Radiator & Standard Sanitary Corp.,** Dept. B93, Pittsburgh 30, Pa.



THE NEO-ANGLE BATH, unique in beauty and convenience — one of many smart plumbing fixtures in the American-Standard line.

Look for this AMERICAN-Standard HEATING-PLUMBING *Mark of Merit*

Serving home and industry: AMERICAN-STANDARD • AMERICAN BLOWER • CHURCH SEATS • DETROIT LUBRICATOR • KEWANEE BOILER • ROSS HEATER • TONAWANDA IRON

Dogs, kids, husbands

—how to furnish a house so they can't hurt it



Let it go. Dirty boots don't hurt



Don't shriek. The curtains won't burn



Don't scold. It won't stain



Hang them damp. No need to iron



Soap and a cloth. And it's clean

By Christine Holbrook and Walter Adams

Here lies a poor woman, who always was tired;
She lived in a house where help was not hired.
Her last words on earth were: "Dear friends, I am going
Where washing's not done, nor sweeping, nor sewing;
But everything there is exact to my wishes,
For where they don't eat, there's no washing of dishes."

THEY cut that into the cold gray stone more than a hundred years ago, in England. But many a wife today, with love in her heart, suds on her hands, and a scold on her tongue, would find it a fitting last line to her own end. Ad men won't admit it, and the movies won't look at a woman in suds unless she's in a bathtub, but that doesn't fool Mother; there's mud on the floor and butter on the wall, and she well knows who's in the scrub bucket.

Some months ago, over a sandwich with Horne's, the big Pittsburgh department store, we got to wondering what to do about it. With them we got Our Idea: to show you how to furnish your house with some of the newer plastic materials, most of which you can clean with a damp cloth. It's the first time anybody has shown you how to put plastics together in a comfortable, normal house instead of a facsimile of a Statler cocktail bar. Horne's worked the house up for a centennial they're having this month, and you see it on our cover and in the following pages. For details about materials themselves, go to the back of the book, page 266.

Materials like these make you a fresh, colorful house ——→

House is homey, chintzy, and comfortable

Begins on preceding page



No stain, not even with chocolate



To damage it, build a fire



Scuff? It's so tough they make tailcoats of it for Ringling Brothers elephants

TO MANY people plastics are brightly colored kitchen gadgets and junk, sold to a gullible public with ballyhoo and cheesecake. ("I wouldn't put those gimcracks in my living room on a bet.")

But plastic is a family name, like wood. Wood is made into thousands of things, good and bad, exquisite and shoddy, beautiful and cheap. So, too, is plastic. There are a score of plastics and hundreds of fabricators cooking them into thousands of products. Some burn, some melt, some explode; some don't. Most juke boxes are plastics; so are most stockings, only they're called nylons, and they dry quicker, and look better than the silk they replace. Thus it is with plastic furnishings. Some are juke-boxy; some have elegance, and with it they stay fresh longer, clean easier.

There are still others, like the plastic-coated curtains we show in the bedroom, that you'll have to get used to or go without. They clean with a cloth, rain won't hurt them, but they don't look like bedroom curtains; they look like shower curtains with ruffles on. If America is to accept them, it'll have to change its notion of how bedroom curtains should look.

Photographs: Suter, Hedrich-Blessing





Draperies, ready-made, cost about $16.95, swag $1.70 a yard. Dust, gravy, little hand prints wipe off; or draperies wash in machine, lose wrinkles while drying, mustn't be ironed because they melt. Nylon curtains dry at window, need no stretching

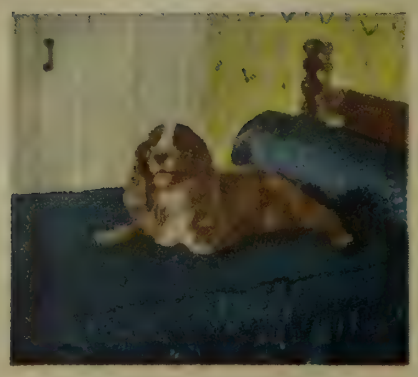
Some cottons can be plasticised, but draperies and sofa here aren't; the process, not yet perfected, muddies up colors. Striped chintz on chair ($3 a yard) is coated, but colors are in coating, not fabric



Carpet, chair seats, place mats, dishes, even wallpaper here are plastics but don't look it. You can wipe hash and crankcase drainings off all of them but the carpet, without stain. The wallpaper costs 12½ cents a square foot, withstands ink, lipstick, shoe polish, salad oil, transmission grease, whiskey, flood. Hospitals find it fine for steam-filled sterilizing rooms

Bedrooms, kitchen stay fresh ——→

Bedrooms and kitchen absorb abuse, stay fresh



Do it yourself, shoes on



It washes like enamel

Continued from preceding page



He'll have to use lye or an ax

AT A recent plastics show a visitor said to a manufacturer, "This stuff burns, don't it?" He jabbed a cigarette to the fabric, melted a hole. Angered, the manufacturer grabbed the visitor's tie, burned a hole in it with his own cigarette. "So does your necktie!" His point was, good plastic articles are designed to take the abuse such articles normally get in use, not everything. "The public's attitude is fantastic," said the manufacturer. "Imagine a woman buying a wooden salad bowl and asking, 'Will it burn if I put it on the fire?' " When using plastics, recognize the use for which they are intended; the same plastic that cleans easily with water may dissolve in cleaning fluid.

Where to get it, page 264



Even your boys, with their gouging, pounding, and tracking, will have trouble making this room hard to keep up. Manufacturers use the leatherlike plastic in the curtains and bunks (about $6 a yard 54 inches wide) to make footballs and upholster gravel trucks. A California builder demonstrates the counter top by building bonfires on it. A Spokane filling-station man has found the floor tile (about 90 cents a square foot installed) so resistant to dirt and oil, he uses it in grease pits





In an ideal kitchen everything would withstand steam and grease, splatters and juices. It would wash like porcelain, have the color delicacy of a rich wallpaper. Here you have about that: stainless paper; no-wax floor impervious to grease; wipe-clean blinds and curtains; counter tops like those in the boys' room; stool covering that takes much abuse and costs about $6 a yard 50 inches wide but is so de luxe it's used to upholster $2,000 wheel chairs for gouty Indian potentates



Swinging doors in small halls block passage; folding doors (plastic covered, naturally) don't. And bags of the same plastic surgeons use to replace brain membranes keep woolens dust- and moth-free



Draperies are rayon voile dipped in plastic. Material costs about $2 a yard, sews like any fabric, isn't damaged by rain. And like the plastic bedspreads, it can be cleaned with a duster or cloth. Spreads come ready-made or at goods counters (about 89 cents a yard)

See more work- and fuss-saving materials, page 266



You can have

Short or long, narrow or deep, your flower border can be as handsome as you plan it

By Leslie MacRae

Arrange your flowers according to their heights when in bloom. That's when they get the most attention. Shrubs or a good fence make best backgrounds

Suter, Hedrich-Blessing

a summer border packed with color

WHEN you plan an informal mixed border for summer, you're adopting America's most popular way of growing flowers. You can fill all your space with long-lived perennials such as peonies, iris, phlox, and daylilies. Or you can use these as the backbone of your planting and get still more color by filling in between them with bright annuals—zinnias, marigolds, asters, mallows, and cosmos.

You can add a lot of color in summer bulbs such as dahlias and gladioli and summer-blooming lilies—regal, turkscap, tiger, goldband, and showy rubrums.

You can have a background of flowering vines supported by a fence or wall. Or you can start your summer border against such flowering shrubs as the rosy-red weigela, white mockorange, or sunny-yellow hypericums.

Your mixed border should be packed with the colors you like best at the time that is most important to you. How close you come to that depends on how you plan *now*.

Sun. For top performance, a mixed flower border should get full sun for at least six hours each day. Morning sun is preferred, or some in early morning and early afternoon.

Soil. Most of the plants you'll want to grow do best when set in a loose loamy soil, one that's neither very sandy, nor stiff with clay. Both can be remedied by working in some form of humus, peat, leafmold, or grass clippings.

Never start a new border in a spot where water stands for long, either winter or summer.

Water. Don't expect peak performance unless you can supply water by irrigation or spray when your plants need it. Don't plan a border beyond reach of the hose.

Background. Shelter from strong winds is advisable. Protection against breakage is good common sense. Both can often be supplied by a flowering background.

For best display. Spacing and staking are important. With perennials, allow for mature plants—5 to 6 feet between peonies, 3 feet between centers of iris clumps, at least 4 between the larger summer-blooming daylilies.

Space seedling marigolds and other annuals 15 inches apart, 9 if in edgings. Stake inconspicuously. Let each plant stand naturally. Stake delphinium spikes individually.

For the biggest show, an informal border is planned in three parts

Background

Pictured opposite are two extremes in backgrounds. The upper border has a grassy slope behind it, needs only this open fence to define the boundary and protect the flowers from cross traffic. Below, is a deeper border that needs a background to protect it and also screen what lies beyond.

The chief tall plants used here are, left, goatsbeard or *Spirea aruncus*, still good-looking although gone to seed, delphiniums, hollyhocks, and shrubby roses.

Other sturdy perennials good for background positions, but not shown, are plume poppy, globethistles, the several meadowrues, liatris with its tall, stiff wands. You can also have heliopsis—the handsome orange sunflower, coneflowers, rose-pink liatris, and thermopsis that look like tall yellow lupines. If your border is more than 6 feet deep, do have a narrow access path just in front of these background plants. This need not show from the front but lets you stake and cultivate without undue stretching.

Middle of border

Medium-height flowers such as the phlox, yellow daylilies, and the gladioli in the upper picture serve as background plants in a border under 4 feet, but look best in the middle band of one 6 feet or deeper.

For a blazing spread of sweetwilliams like the one shown opposite, buy plants this spring. Then grow your own from seeds this summer for next year's show.

Good middle-of-the-bed perennials for a dependable summer display are gaillardias, coreopsis, monarda, Shasta daisies so good beside yellow daylilies, and lupines and columbines (pictured at extreme right).

In deep borders, this is where your peonies and iris should go. It's also the place for tall chrysanthemums of the kinds that you think will need staking.

The taller varieties of marigolds and zinnias, cosmos, cleome, asters, satiny godetias, larkspur, and red and white jasmine tobacco are the annuals to plant here in the middle band of a deep border.

Edging

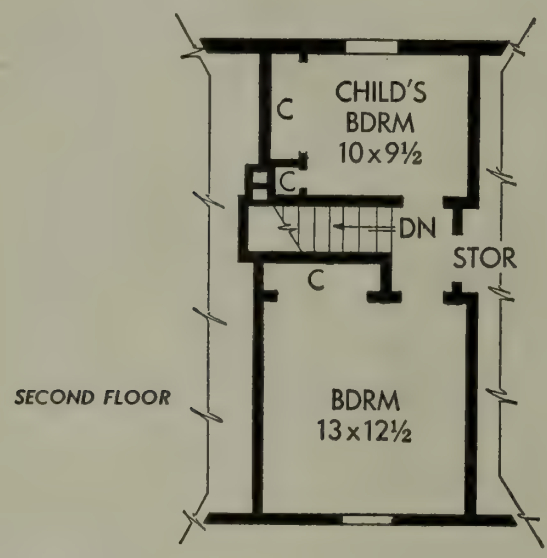
Never underestimate your edgings. They're always on view. They can be perennial and green—the kind you keep clipped for trimness, or informal mats of low-growing flowers.

The choice is endless. Consider tidy bindings of green box-barberry or teucrinum—silvery-gray lavender—tumbled sweet-smelling pinks—sprawling mats of glowing pink petunias and verbenas—lacy lilac and white sweet alyssum—toy-soldier line-ups of small scarlet zinnias.

If your border fronts on the lawn, plan for a mowing strip. This need be nothing more complicated than space you allow on the cultivated soil for the wheel of the lawn mower to run on. Very trim but more costly and formal in effect is a mowing strip made of bricks. To make this, lay bricks on edge and level with the sod. This band also keeps grass from growing into the border and mats of flowers from lopping out onto the lawn and spoiling the sod, leaves no need for hand trimming.

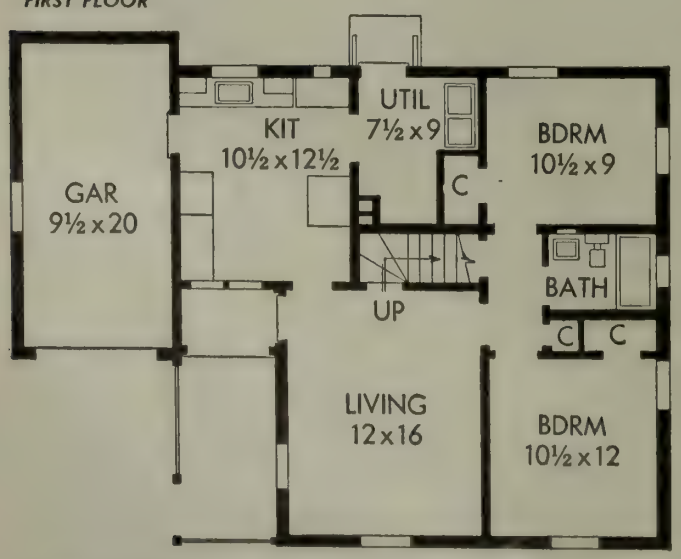


Five Star 1903A has its front door tucked into a protected corner, and a courtyard with fence and lamppost to emphasize the entrance and soften corner lines



SECOND FLOOR

FIRST FLOOR



Plan 1903A has living room and bedroom on street, folding table in kitchen, stairway with close-off door

Four bedrooms, but still small

YOU can get along with two bedrooms, you say, but it means living in cramped quarters.

Three bedrooms are a lot better than two, you add, but they leave you no room for expansion.

What you'd really like to have—all this you tell us in your letters, in our surveys, in conversation—is four bedrooms. But won't the cost be too great? Won't a big house like that require a big lot?

No, we say. And to back up that answer to both questions, *Better Homes & Gardens* presents Five Star Homes Nos. 1903A and 1903B. Both are compact four-bedroom houses that will fit comfortably on an ordinary city lot, giving you the space that

You can buy plans for any *Better*



Photographs: Powell

Five Star 1903B has a bay window in the living room, an 8- by 14½-foot breezeway, an attractive cupola at end of garage wing to balance square stone chimney

Better Homes & Gardens gives you a choice of two homes that cut down cost without cutting down space

houses

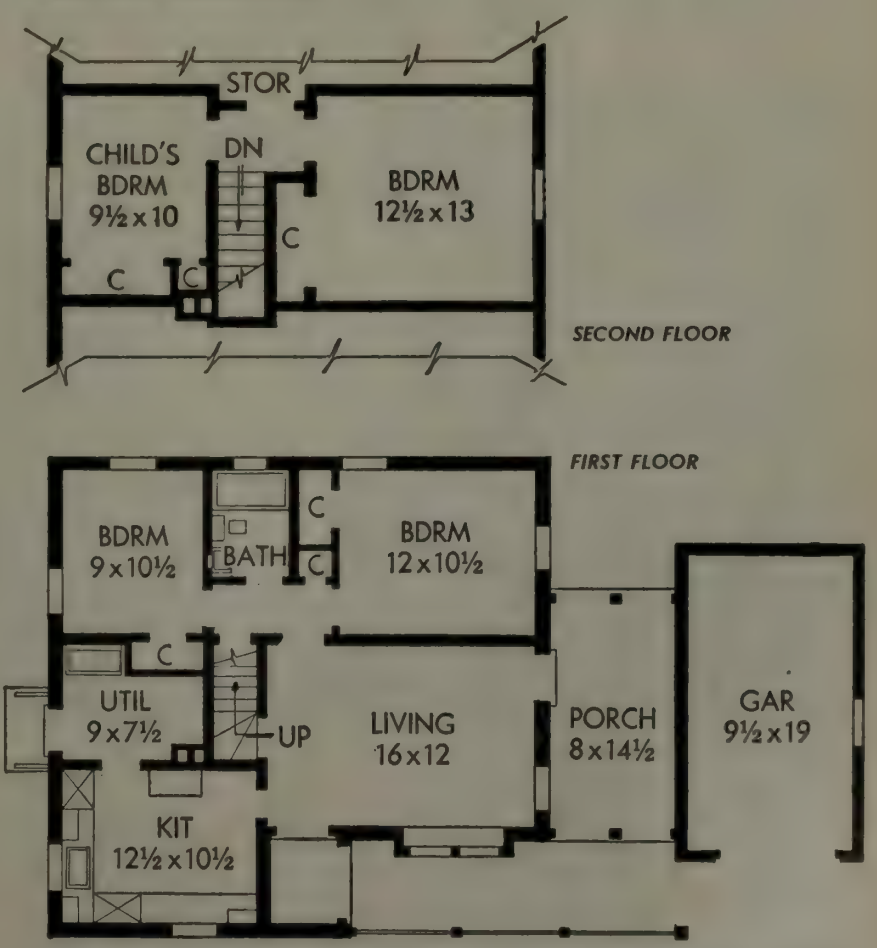
By John Normile, A.I.A.

you tell us you want in your home and on the land around it.

As you study these two homes, you will discover that the floor plans are identical except for the location of the garage. The basic house is a rectangle 30 feet by 25 feet with the kitchen extending beyond the rectangle and the garage attached to it. Designed for the greatest possible economy in building costs, the house has no basement, uses stock sizes of windows and doors, and standard lumber lengths. It gives you living space for a family of four on the first floor alone. Second-floor space, which could include two bedrooms and a second bath, takes care of future family expansion and can be finished at a later date if you don't need the space [*Turn to page 271*

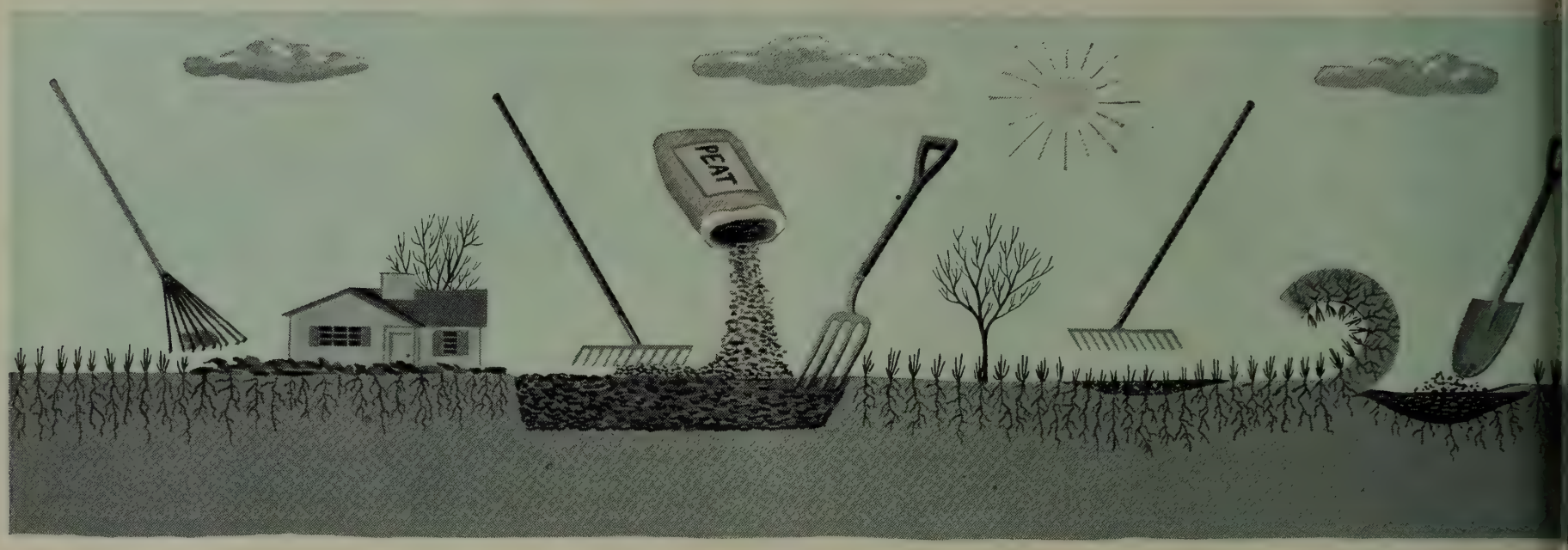
Homes & Gardens 5 STAR ® **Home** ***See page 272***

Architects: W. W. Cordes and F. W. Pressler
Builder: Indiana Limestone Company



Plan 1903B has living room and kitchen on street side, dining space in kitchen, bay in living room, breezeway that links garage to house

Your lawn—feed, seed, and repair now



Remove as soon as possible any leaves which have collected on the lawn during the winter. Otherwise they'll soon mat down and smother the grass.

Remember that the ground is soft and grass roots are just renewing themselves. Use only a broom rake and use it carefully or you'll scratch out some plants.

Get down to the cause of the trouble on spots where soil bakes hard every year and grass is sparse and anemic.

Spade soil 6 inches deep and work in 2 inches of peatmoss, compost, or other humus to loosen the ground. Rake smooth and seed. Coal ashes are also excellent for loosening heavy clay soil.

Level down a bumpy lawn to make it easier to mow. Rake humus-rich top-dressing into small hollows but don't cover grass more than half an inch deep or it may smother. If the hollow is deeper than that, dig it up, fill, and plant new seed. Or peel back sod, fill underneath with good soil, and lay the sod back.



Apply a complete plant food to your lawn at the rate recommended by the maker (plant foods vary in strength). Most lawns need food more than they do reseeding.

Feed early so plant food can sink into winter-loosened ground. If growth has begun, apply the food only when grass blades are dry to prevent burning.

Feed trees which have bare spots under them; soil-robbing tree roots kill more grass than does too much shade.

Punch holes 18 inches deep, 2 feet apart, under outer half of branch overhang. Put about a pint of complete plant food in each hole; tree should have about 3 pounds for each inch of trunk diameter.

Give lawn a "once-over" with a roller to firm soil around roots loosened by winter frost. Don't over-roll, and roll when earth is moist but not soggy or you'll have hard-baked ground all summer.

Remember that rolling closes the millions of tiny frost cracks so feed and seed first to take advantage of them.

By Ralph K. Andrist

WINTERS are hard on lawns, and your grass can use a lot of help in early spring. Correct its shortcomings now and you won't worry during the hot, dry days of summer.

An early start is important, but don't be too impatient. Stay off your lawn when there is white frost on it or your weight may injure or kill brittle grass crowns. And wait until the ground is no longer soggy or your feet will pack it down into brick-hard spots where the grass will fight a losing battle all summer.

But as soon as you can get on the ground, take a good look at the grass. Note the bare spots, the slopes washed empty of grass, the bumps, and hollows. Then go to work and correct your troubles by following these procedures.



Sow seed at the rate of 2 pounds per 1,000 square feet to thicken an established lawn. Don't plant more heavily or young plants will be weakened by crowding.

Sow early—even while earth is still frozen. Seed will sink into frost-loosened ground without raking. Use shady-lawn mixtures for spots getting little sun.

Seed at the rate of 4 pounds per 1,000 square feet where you're starting a new lawn. Rake in lightly, covering seed no more than half an inch deep.

Don't expect merely to scratch hard clay with a rake and then get miracles with a handful of seed. First prepare poor soil as explained across the page.

Prepare soil carefully when repairing a slope bare of grass; otherwise you're wasting time. Quickest but most expensive cure is sodding. Or sow seed, rake in, cover with burlap and keep moist.

Remove burlap when young shoots pierce it, or use light open-mesh material like cheesecloth and let it rot away.



Sprinkle the ground lightly but frequently; this is the one time of year you can flout the rule never to water less than 6 inches deep.

The soil usually has plenty of moisture in spring but the surface must be kept from drying out until seed has germinated and grass roots have started down.

Spray with 2,4-D weed-killer only after young grass has taken on its darker green mature color because 2,4-D may also damage seedling grass.

Pick a windless day, use a coarse spray and cover nearby plants; a fine mist of 2,4-D can drift many yards and do heavy damage to other plants.

Start mowing before young grass gets higher than 2½ inches. Set mower to cut at 1½ inches—no shorter.

Frequent mowing won't hurt grass, but cutting too close will. Don't let it get too high either, or grass plants will develop an erect growth habit instead of hugging the ground as grass should.

Your house can grow gracefully

. . . if you plan its growth before you build

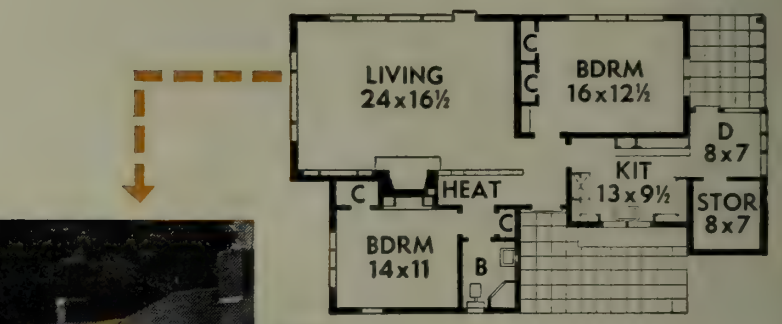
Here's what they had . . .



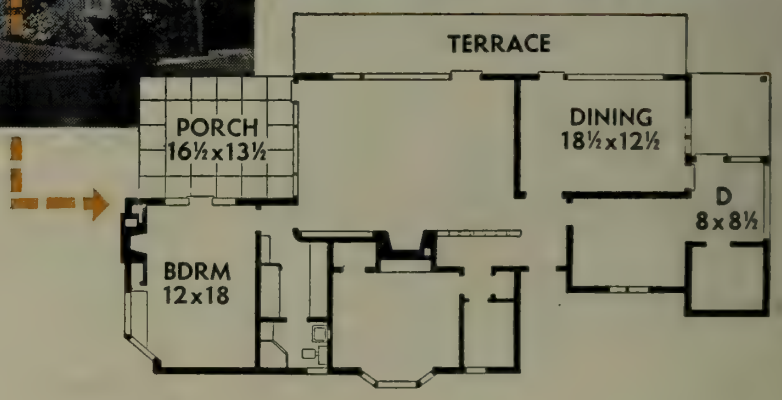
Construction on the Johnston home began near the outset of the war. Knowing that good materials would be scarce, the Johnstons built a house with only enough space to be temporarily adequate, and designed it specifically for later enlargement.

Plans at the right show clearly where space was added. Of the two original bedrooms, the one at the rear was converted into a dining room; closets had been built for easy removal. A new bedroom (shown by dotted lines), with its own bath and small dressing room, was attached next to the remaining bedroom. Dinette was enlarged to make room for a door into new dining room





Here's what they did . . .



Photographs: Loren Smith-Fred Milkie



South side of original house (above) was attractive and tastefully designed. By removing the windows, and rebuilding them for use as bays in the existing and new bedrooms, the final version of the same house (right) is even more attractive and has better and more graceful lines.

It is the excellence of details that gives the Johnston home its beauty. The partial bay on the side, for example, was placed on the side wall where it doesn't detract from the beauty of the full bay. The two small windows in the original street wall are still there, adding spots of interest to a plain wall. Chimneys of different heights emphasize the break in the ridge line of the wood shingle roof



Today the house looks larger than it is. Addition extended the eave line 23 feet, makes house seem lower, more snug. Original siding and roof match so exactly that you can't see where old house and addition come together

Here's what they have . . .



By Adrienne Baker

EDITOR'S NOTE: Here is a remodeling so beautifully done that we didn't know it was a remodeling until we had decided to publish the story. It is well done for that very reason—the house was planned from the very beginning to look as you see it now.

FEW families have houses that can grow with them with convenience and economy. The Seattle home of Mr. and Mrs. G. Herbert Johnston demonstrates how planning can let a house expand *without* growing pains.

The Johnston home was built while their two sons were at war. But Architect Edwin Turner designed the one-floor, four-room house with full blueprints for its enlargement into a two-bedroom home complete with dining room and two baths. When it was enlarged, only changes required were filling up two windows, moving another, cutting through a fourth, and making two new doorways.

The result: Instead of a house obviously enlarged by a wing or an extra bulge, the Johnstons have a home with harmonious lines.

If you're planning to build a small house now, and expect your family to grow, plan your expansion before you dig a shovelful of earth. With good planning, you can cut costs by eliminating every unnecessary change.

More on page 257

Here are nine questions and answers and nine sketches that tell you . . .

What wallpaper can do for you

By Helen Aves

As A result of many requests for information on the use of wallpaper, we asked Helen Aves to answer your principal questions. And we asked Decorator Harry Richardson to supply the nine sketches (right) that illustrate these answers from Mrs. Aves.

1. What wallpapers make a small room look larger?

Wallpapers with small, allover patterns in soft colors against light grounds: Polka dots, stars, small, scattered leaves or flowers, tiny bouquets, small diamond designs, and the mild plaids, or two soft, light tones on a light ground. Plain papers. Stripes if they're two-toned or fine pin stripes. Another good way to enlarge a room is to use three plain walls with one patterned wall.

2. How can a ceiling be made to seem lower?

By using a wallpaper with horizontal stripes on three walls and plain paper or paint on a fourth wall.

By painting or papering ceiling color part way down each wall.

By using a three-foot dado of wallpaper with a narrow strip of molding at its top and plain walls above it.

3. How should you paper a sloping ceiling, as in an attic bedroom?

Use the same paper on walls and ceiling. But be sure to use a pattern with no particular direction to it. A scattered, stylized flower, dot, or check pattern is best. Allover neutral color will also subdue the sharp breaks where the roof slope joins wall and ceiling.

4. How should a room with walls broken by projections be handled?

By using a paper that is reasonably bold but has no discernible set pattern. Vertical stripes will also hide faults.

5. Should the same paper be used in the living room and dining room when there's a large opening between the rooms?

Yes, if you wish to give a feeling of space. But more effective is a dramatic paper in dining room and a harmonizing color in living room.

6. Where can bold, dramatic patterns be used?

In small rooms, you don't live in, such as halls, bathrooms, closets, small dinettes, or on one wall of a dining room. The smaller the room, the more daring you can be. A phone closet or a powder room could be treated to a pattern that almost rocks you on your heels. But you wouldn't want such impact in a room that's lived in.

7. Can strong patterns be used in bedrooms?

Yes, if you keep the strong pattern behind the bed. A striking effect will give you a lift every time you enter the room, but you won't want to look at it the first thing in the morning, or all day if you're in bed recuperating from a cold. Do the rest of the room in soft, restful colors taken from pattern in paper behind the bed.

8. Do deep-colored walls require certain types of furnishings?

No, deep colors can be used with any furniture. You can use any number of walls in deep colors, depending on the effect you want.

9. What types of paper are best for Modern rooms?

Stripes, large plaids, bamboo slats, grass cloth, and textured designs are all good in Modern rooms. Stay away from conventional flowered and geometric designs. It's wise to combine any paper with one or more painted walls.



1. Make a small room look larger with small, allover designs. Plain, two-toned striped, or pin-striped papers also make a room look larger



2. Lower the ceiling with horizontal stripes. Painting or papering the ceiling color part way down the wall also helps lower the ceiling



3. Disguise a sloping ceiling with a scattered, stylized flower, dot, or check pattern. An all-over neutral color will also play down angles



4. Camouflage architectural faults with hard-to-trace patterns. The trick calls for a paper that is fairly bold, and a pattern that is irregular

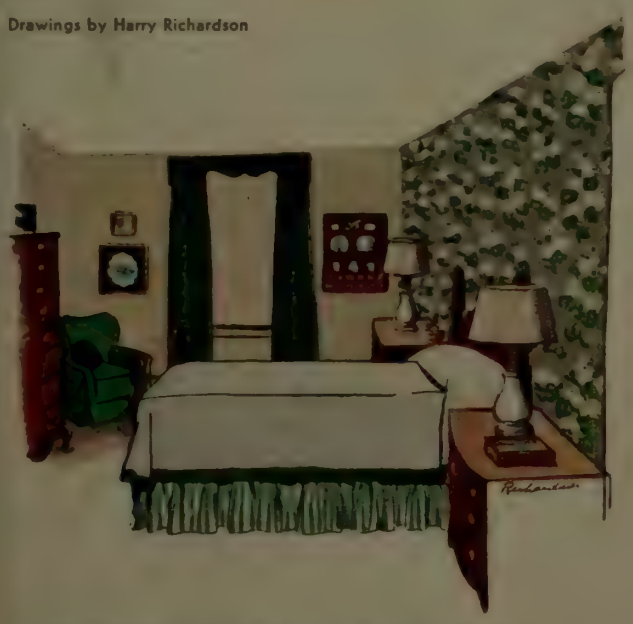


5. Tie adjoining rooms together with related colors in different patterns. The rooms, although definitely separated, have colors that harmonize



6. Brighten small halls, closets, bathrooms, and small dinettes. A small room gives you a chance to try things you can't use in larger rooms

Drawings by Harry Richardson



7. Dramatize one wall of a bedroom. The colorful pattern of a strong paper will suggest possible color schemes for the rest of the room



8. Center attention on the best wall or furnishings of your room by papering one wall in a deeper tone of the color used on other walls



9. Create a setting in keeping with Contemporary furnishings by using as background one of the new papers that resemble textured fabric

Color-style your home

By Frederic H. Rahr







Left: This New Englander uses reddish-brown on its clapboards and dormers. Solid color is broken by white on chimneys, windows, shutters, and trim. Roof is gray-green.

Center, above: The light-gray wall color and darker trim appear well with the red roof here. Shutters, window sash are white. Use darker trim color on door also.

Right, above: Basic color is yellow, from the light shade on the wall to the yellowish-tinted off-white trim. Roof is grayed yellow-green; shutters are lighter.







Left: Siding and door of this cottage are a coral shade; low eave line is accentuated by white trim. Dark color of roof sets off the long line of the pastel walls.

Center, above: Here, wall is an ivory-cream, set off by darker, related detail colors—russet-brown on the shutters, and russet-red on the door. Trim and chimneys are light.

Right, above: Three shades of green, ranging from the deep roof color to the light tone of the walls, offers a good treatment for a small house. Door is painted a lemon-yellow.



The author, president of the Rahr Color Clinic, New York, advises manufacturers, stores, and publications in color use. He also has devised Marine camouflage, lipstick, and a yellow baseball.

ON HOUSES now being built, many architects and builders are using a new approach to color planning. They believe owners want new houses to *look* new.

You, too, can make the exterior of your home look new by carefully selecting colors that go well together.

Your house has two big color areas—the roof and the walls. These need not match. Usually they don't. But their colors should be carefully related. Dormers, chimneys, windows, trim, shutters, and doors can be used for color accents.

Play down ugly details with colors close to the wall color. Then use a strong color on one feature, as the front door, to distract attention from ugly parts. Show off well-proportioned details with a stronger color.

Use your own preference in selecting roof and wall colors. Other colors should be derived from combinations of those two, or should contrast pleasingly with them.

With each photograph below, sketches show two of the many possible plans. Each is a co-ordinated color ensemble.







Left: This Cape Cod has a cream wall, brown roof. White sets off the gable, trim, and door. Other contrast comes from gray-green shutters.

Center, above: Here off-white is used on wall, trim, and sash to make the cottage appear larger. Light blue of door, yellow of shutters provide interest.

Right, above: Yellow-green in steps of increased lightness maintains color relationship between roof, wall, shutters, trim. Door provides contrast.

Photographs: Rudolph Leppart, George de Gennaro. Drawings: Harry Richardson







Left: On this Dutch Colonial, the primary color is the purple-gray of the roof and side-wall shingles; the dark red of the front wall is secondary.

Center, above: Doors and shutters are emphasized by purple in this scheme. The off-white trim blends it with the light color of the clapboards and shingles.

Right, above: In this version, the green-blue roof color has been extended into lighter, related tones for the wall, trim, and shutters, complemented by red-orange door.

Grow begonias—

big as your fist, more gorgeous than orchids!



Spectacular begonias can be grown on your first try if you will supply their really very simple needs



Great mimics, begonias often resemble camellias, rosebuds, carnations, giant crape-myrtle blossoms

By Fleeta Brownell Woodroffe

TUBEROUS begonias belong in television. They're peacock flowers—brilliant and showy. They're big and bold and handsome. Yet no flowers are more exquisitely formed and colored.

And for a spot in partial shade where geraniums, roses, or petunias won't grow, you can't beat these begonias for summer color.

This makes them big news if you're looking for flowers for a big pot on the porch. Or if you need something to dress up the shady sides of the house.

Yet, oddly enough, tuberous begonias are so far from common that you'll have 9 out of 10 visitors guessing wildly what your big beauties are.

If you grow enough of them, you'll also have gorgeous long-lasting flowers for floating in bowls indoors. And begonias make stunning corsages, too.

You start with dry tubers. Buy the best you can find. For the really mammoth blooms, get tubers at least 1½ inches across. The larger tubers give you more stems and [*Turn to page 246*

Photographs: Rawlins



In Evanston, Illinois, Ben and Jean Rawlins prove that tuberous begonias can offer a constant summer show of brilliant colors. In their elm-shaded front yard, begonias take up when tulips and daffodils leave off. Tubers are started in basement, plants spaced 1½ feet apart in beds are in bloom from late June until frost. Soil is mulched. Plants get fine spray of water daily during hot weather



Josef Muench

Where each new flower seems lovelier

Pictured at slightly less than life size, these blooms are of the Double Camellia Picotee type. Some single-type flowers with pleated-ruching trim may measure up to 8 inches across if on vigorous plants. Colors run from crisp white through yellows, apricot to American Beauty reds



1 VETERANS ADMINISTRATION

2 DEPARTMENT OF STATE

3 TREASURY DEPARTMENT

4 DEPARTMENT OF COMMERCE

5 DEPARTMENT OF LABOR

6 POST OFFICE DEPARTMENT

7 BUREAU OF INTERNAL REVENUE

8 DEPARTMENT OF JUSTICE

9 ARCHIVES BUILDING

10 BUREAU OF ENGRAVING AND PRINTING

11 DEPARTMENT OF AGRICULTURE

12 SMITHSONIAN INSTITUTION

13 NATIONAL MUSEUM (NEW)

14 FREER ART GALLERY

15 NATIONAL MUSEUM (OLD)

16 NATIONAL GALLERY OF ART

17 SENATE OFFICE BUILDING

18 SUPREME COURT

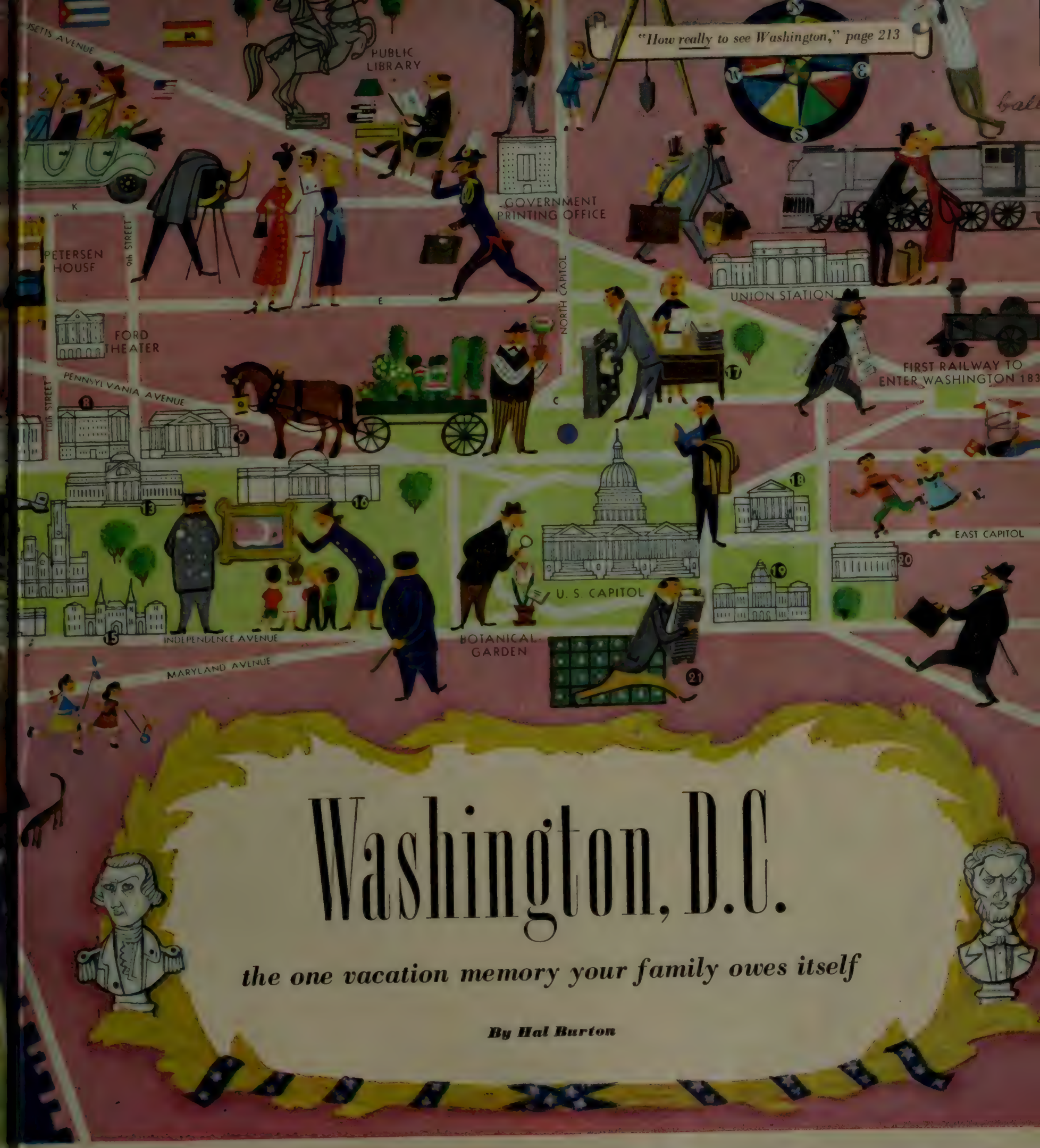
19 LIBRARY OF CONGRESS

20 FOLGER SHAKESPEARE LIBRARY

21 HOUSE OFFICE BUILDING

22 PENTAGON

"How really to see Washington," page 213



Washington, D.C.

the one vacation memory your family owes itself

By Hal Burton

A GROUP of high-school graduates from a small town in the East—typical youngsters, who might have come from any part of the country—tiptoed into a drab, brick building in downtown Washington one June day last year.

All around them, in glass cases, were faded mementoes of Abraham Lincoln. It was here, in Ford's Theater, on April 14, 1865, that the nation's greatest single tragedy occurred, the assassination of Lincoln by John Wilkes Booth.

Most of the youngsters concentrated on the exhibits: rusty sabers, yellowed photographs, letters in Lincoln's angular script. One wide-eyed girl, in bobby sox and saddle shoes, wandered to the other side of the room.

In front of her, stretching across the floor, she saw a line of painted footprints. Before she could frame the question in her mind, a uniformed guide answered it for her.

"Those footprints," he said, "show the path taken by Booth as he ran out through the wings after firing at the President."

"Golly," breathed the awestruck girl, [*Turn to page 212*

Fit your lot to your needs

By Catharine and Harold Sleeper

THIS is the first of two articles by Mr. and Mrs. Sleeper, authors of "The House for You." The second, "Fit Your House to Your Lot," will appear soon. Mr. Sleeper is president of the New York Chapter, American Institute of Architects.

WHERE do you want your home? Do you want to live in the open country, with privacy, a long view, and room for out-of-door activities? Or do you prefer a location near transportation, friends, or schools?

Those questions are part of a long list you should answer before looking for a site for your new home. They are questions which will pay dividends in money and satisfaction if properly answered—but which will lead to a hornet's nest of troubles if disregarded.

Remember this when you select your building place: Land has characteristics of its own which defy changes except at great expense. A poorly planned house may be altered—but little can be done to correct a poorly chosen site.

There are two ways to find a suitable building lot. One is to look at a number of lots, then check their individual disadvantages against their assets. The other way is to decide first exactly what your lot will have to give you, then find a lot answering those specifications.

That procedure, you will find, will save you the trouble of checking, one by one, a number of lots with basic drawbacks, and will enable you to recognize your lot when you find it.

IN MAKING your choice between a settled area or open country, keep in mind the time you are willing to spend going from house to office, and the type of transportation you will use. This will enable you to mark on a map the general areas which come within the time limit.

What should be near your site? How important is it to you to be near a railroad station, a bus line, shopping center, schools, church, or friends? If you are far from business, stores, and school, a heavy load will be placed on the family car, making supplemental transportation desirable.

Another major consideration is cost. Lots are cheaper and taxes are lower in thinly settled areas, but there may be no [*Turn to page 104*

Put a lot to this test



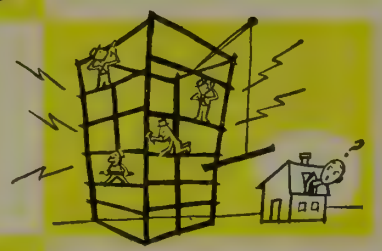
Convenience

Is it near schools, transportation, handy to a shopping center, church, and a park?



Neighborhood

Are houses and lots about the same size as yours? Are nearby houses run down?



Zoning

Is the area free of factories, sources of noise or odor, protected by zoning?



Utilities

Are electricity, gas, water, sewer available? Is sewer line below basement level?



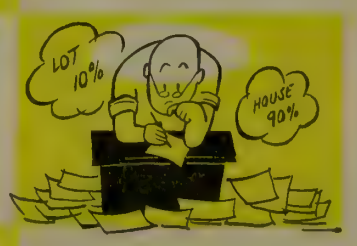
Underground hazards

Are there a high underground water level or rocks to increase basement costs?



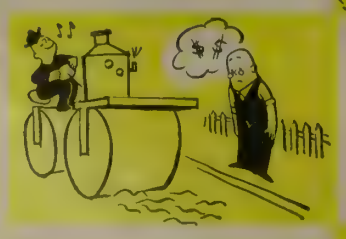
Legal hazards

Is the title clear? Do deed, building code, allow the type of house you want?



Cost

Does the lot price represent 11 to 18 percent of the total cost of your home?



Taxes and assessments

At the courthouse, check the amount of taxes and assessments you will have to pay.



Protection

Fire and police stations make good neighbors. Also, they cut insurance costs.



I'm Yankee bold, and Yankee brave,
A Yankee Doodle dandy;
Take my advice—for soup that's nice
Keep Chicken Noodle handy!

Let this soup that helped make history

. . . HELP YOU GET SUPPER TONIGHT!

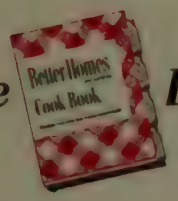
And a mighty good supper indeed—with a bow to your budget, as well! For there's both good eating and good value in this soup. You see, Chicken Noodle Soup was a favorite of old Colonial days, and Campbell's make it today in the same honored tradition: plump chickens simmered slowly till the broth comes rich and golden . . . then good egg noodles added, and plenty of tender pieces of chicken. It's a hearty, he-man soup—the kind of main dish to please both purse and appetites. Let it serve you often!

Campbell's
CHICKEN NOODLE SOUP

LOOK FOR THE RED-AND-WHITE LABEL





From the  *Better Homes & Gardens Cook Book*

Your favorite recipes

By Myrna Johnston

EACH dish on these two pages and the next are made from the favorite recipes of users of our red-and-white cook book.

We have now sold 3,000,000 cook books. Three million of you use our recipes and tell us you like them. Many of the recipes *you* sent to us.

The recipe for the Barbecued Ribs, above, was sent us by one of our men readers. In *Better Homes & Gardens* and in the cook book, it became a favorite, a recipe you tell us you use over and over. The light, tender yeast rolls (Orange Bow-knots), Biscuits Supreme, and Feather Devil's Food with thick Fudge Frosting, have made many a good cook's reputation.

And talk about a kettle of stew. We've published the Brown Stew in the cook book and given you a picture recipe of it in the magazine. A chef's wife writes us it's the one dish she can do better than he can!

The buffet salad tray is a favorite for spring and summer buffets. The Ham Loaf, Potato Salad, Deviled Eggs—all are cook book recipes.

On the next page: Favorite candies, cookies, salads, main dishes, and desserts.

For details about the $3,000 *Better Homes & Gardens* recipe contest, celebrating the 3,000,000th Cook Book, see page 176.

Recipes on page 170

Photograph: Charles Kuonl



With favorite recipes from the Better Homes & Gardens  *Cook Book:*

Easy springtime meals

IT'S one thing to stir up a cake, make a pan of candy —something else to *plan a meal*. To time it right, put foods together that taste well together and look pretty on the plates.

We know meal-planning is one of the most important jobs you have. That's why meal plans are a big section of our red and white *Better Homes & Gardens Cook Book*.

There are eight *Cook Book* recipes pictured on the page at the left—cookies for your cooky jar, a wonderful chiffon pie to make for company, a salad that's both quick and beautiful, Veal Birds for the meat platter. All appear in the springtime meals below.

Signs of Spring

MAIN DISH	VEGETABLE	SALAD OR ACCOMPANIMENT	DESSERT	NICE TO SERVE
Broiled Ham Slice Broiled Pineapple Rings	Spring Vegetable Platter* Lemon Garnish	Corn Sticks	Oatmeal Crispies* Divinity Puffs*	Crisp Pickles Coffee or Tea

Make luscious pink divinity and crisp oatmeal cookies (in picture) early. Perfect timing's needed here. Give green beans 15 minutes head start on cooking; then, carrots; last, spinach. Start broiling ham and pineapple just before carrots go on. Tenderized ham needs only heating through, slight glazing. Corn sticks go in oven 10 to 12 minutes before you serve dinner.

Lazy Susan Salad

Fruit Salad Plate* Honey-Celery Seed Dressing	Carrot Sticks	Hot Cloverleaf Rolls or Nut-Bread Sandwiches	Squares of Spice Cake Easy Chocolate Frosting	Ripe Olives Coffee or Tea

The fruit salad plate is creamy, well-seasoned cottage cheese between pineapple rings and plump peach halves. Around each salad there's a whirligig of grapefruit sections and red apple slices. For frosting, melt 3 tablespoons butter, 2 squares chocolate together; beat in 3 cups sifted confectioners' sugar, enough cream to spread; your mixer does this perfectly.

It's a Party!

Chicken Salad Supreme in Ring Mold* Tomato French Dressing*	Potato Chips Relish Tray	Tiny Hot Rolls	Vanilla Ice Cream Regal Chocolate Sauce* Crisp Sugar Cookies	Orange Marmalade Hot Coffee

Pack chicken salad lightly into oiled ring mold; chill thoroughly. Broken lettuce, ripe olives, and a tomato "rose" go in center. Try midget-sized rolls. Form dough into ½-inch balls; bake close together for crusty tops, soft sides. Corn syrup and evaporated milk make the chocolate sauce especially creamy. For Hot Fudge Sundaes, heat sauce in your double boiler.

Guest Night

Veal Birds* Savory Stuffing* Rich Brown Gravy	Buttered Peas Mashed Potatoes	Spring Salad Bowls French Dressing	Citrus Chiffon Pie* With Whipped Cream	Dinner Rolls Hot Coffee

Fat Veal Birds bulging with savory stuffing are for the company platter. Serve salads in individual bowls; arrange circle of grated carrots on shredded lettuce; fill center with thin radish discs; pass tangy dressing. The pie has the refreshing flavor of orange and lemon. It's light and fluffy like your other chiffon pies but has the added richness of a topping of whipped cream.

Casserole Supper

Tuna-Deviled Eggs and Rice Casserole Curry Sauce	Fresh Green Vegetables	Bowl of Cabbage Slaw Rye Bread	Lemon Cream Pie	Celery Sticks Tea or Coffee

Make the deviled eggs, recipe on page 254, but add one 7-ounce can flaked tuna to yolks; more mayonnaise or lemon juice, too. Pile high in whites; set on hot cooked rice (measure 1 cup uncooked rice for 6 people) in casserole; cover; bake 15 minutes at 325°. For a quick Curry Sauce simply stir ¼ teaspoon curry powder into 2 cups medium white sauce (page 80).

57 Taste-tested recipes

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The big 3 of choice cheese dishes

By Tasting-Test Kitchen Staff

LIGHT, puffy cheese soufflé; rich, crusty macaroni and cheese; smooth, golden cheese sauce—these are the big three in cheese dishes. And like perfect recipes for fluffy baking-powder biscuits and flaky piecrust, these cheese recipes should be in every cook's repertoire—ready as ideas for quick family lunches and suppers or for the meal you whip up for the unexpected guest. They are treats right now for the change from heartier winter fare to lighter springtime meals.

Here we show you two important steps in the making of each cheese favorite, and a picture of it as it will look when served at your table. For the simple ingredients you'll need and more detailed directions see below.

Cheese Soufflé

¼ cup butter or fortified margarine
¼ cup enriched flour
½ teaspoon salt
1 cup milk
½ pound package sharp spreading cheese
4 well-beaten egg yolks
4 stiff-beaten egg whites

Melt butter in double boiler; add flour and salt; blend. Gradually add milk; stir constantly until sauce is thick and smooth. Add sliced or diced cheese to the hot white sauce. Cover. Let stand over boiling water until cheese is soft. Beat egg yolks with rotary beater; add the blended cheese sauce slowly. Beat the egg whites until stiff, but not dry; fold into the cheese-sauce mixture. Cut and fold gently until the whites are thoroughly combined and the whole mixture is light and fluffy. Pour the mixture into 2-quart ungreased casserole. (The size is important.) Bake in moderately slow oven (325°) 1 hour and 15 minutes. See pictures top of page. | *Turn to page 102*



Cheese soufflé

Fold hot cheese-sauce mixture into the stiff-beaten egg whites. Cut and fold gently with blending fork (shown in picture) or metal spoon until mixture is thoroughly combined. It should be light and fluffy



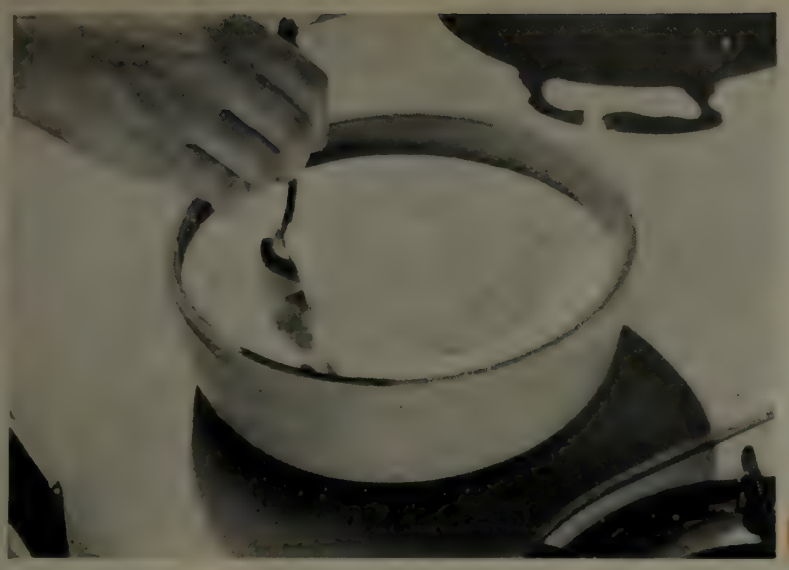
Macaroni and cheese

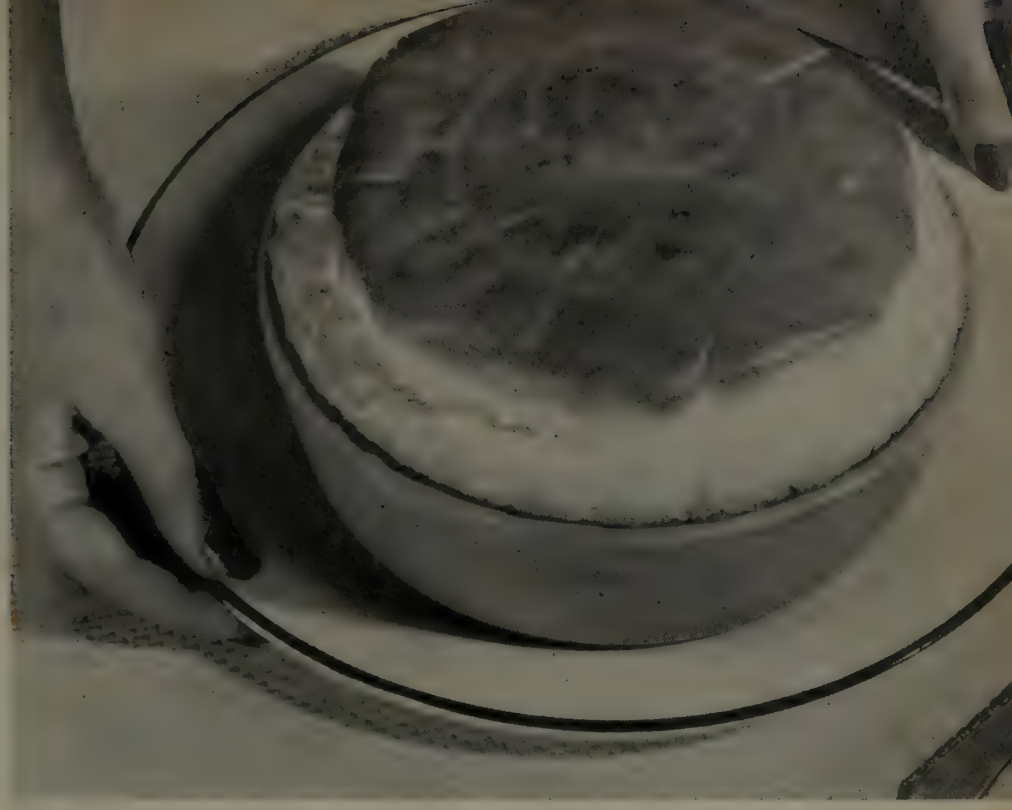
Grate American cheese on a piece of waxed paper. Use medium grater for the best results. Part of grated cheese is added to smooth white sauce; the rest is sprinkled over top of the macaroni for a good, crusty top



Cheese sauce

Add milk to butter and flour which have been blended. Cook over hot water, stirring constantly, until sauce is smooth and thick. This makes a white sauce to which you will add the cheese—see next picture





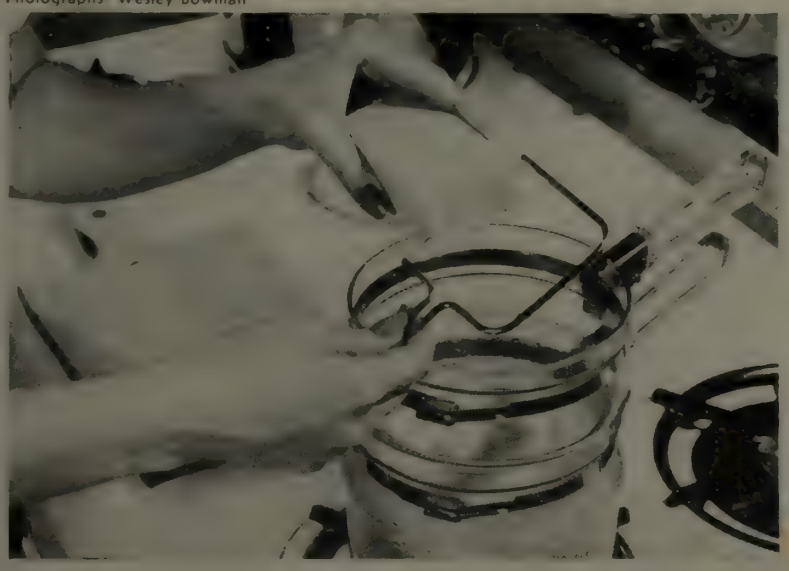
Here we're tracing a circle through the souffle with a metal spoon about 1 inch from edge. This gives souffle the "top hat" effect you see in the next picture. Right: Here's your souffle, puffed and golden brown. Inside it has the texture of moist, airy cake. Don't keep it waiting. Rush the souffle and the family to the table. Eat it while it's high

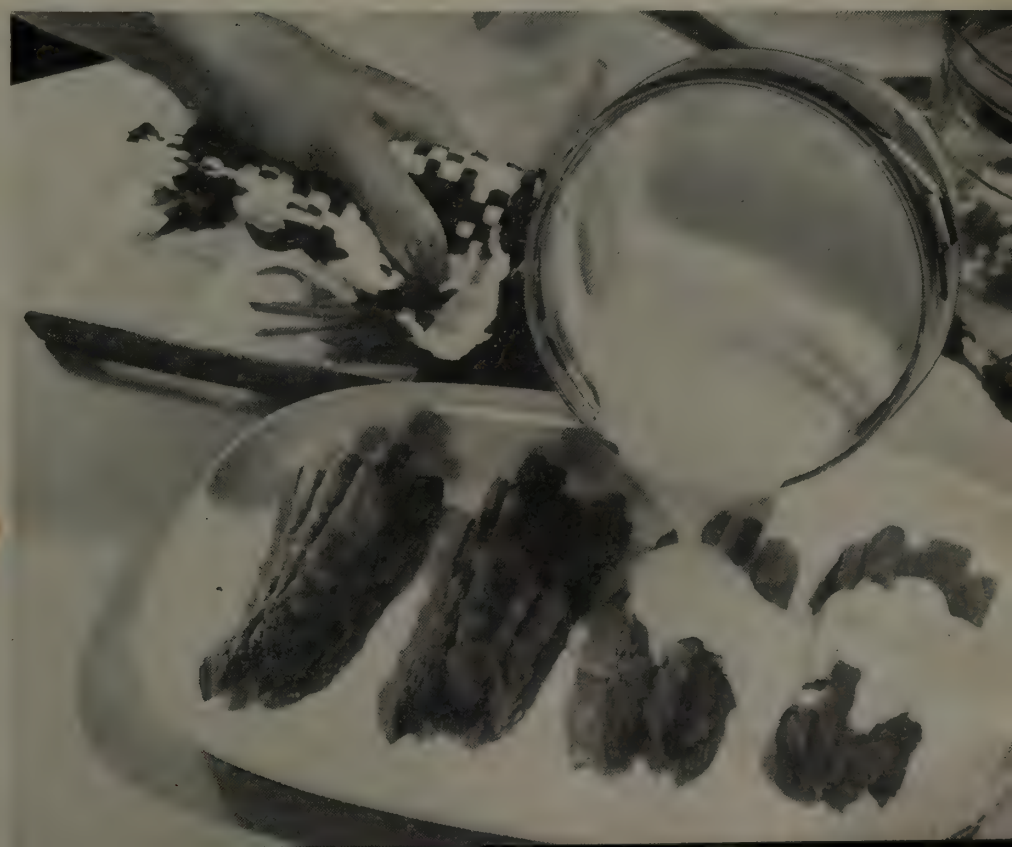




Fill greased baking dish with cooked macaroni. Add the smooth cheese sauce. Mix lightly. Sprinkle top with more cheese (it melts) and some buttered crumbs (they get toasty). Right: Old-time favorite Macaroni and Cheese. It's moist, rich, and creamy with golden-brown crusty top—and lots of good cheese flavor. Cut in squares or spoon from baking dish

Photographs- Wesley Bowman



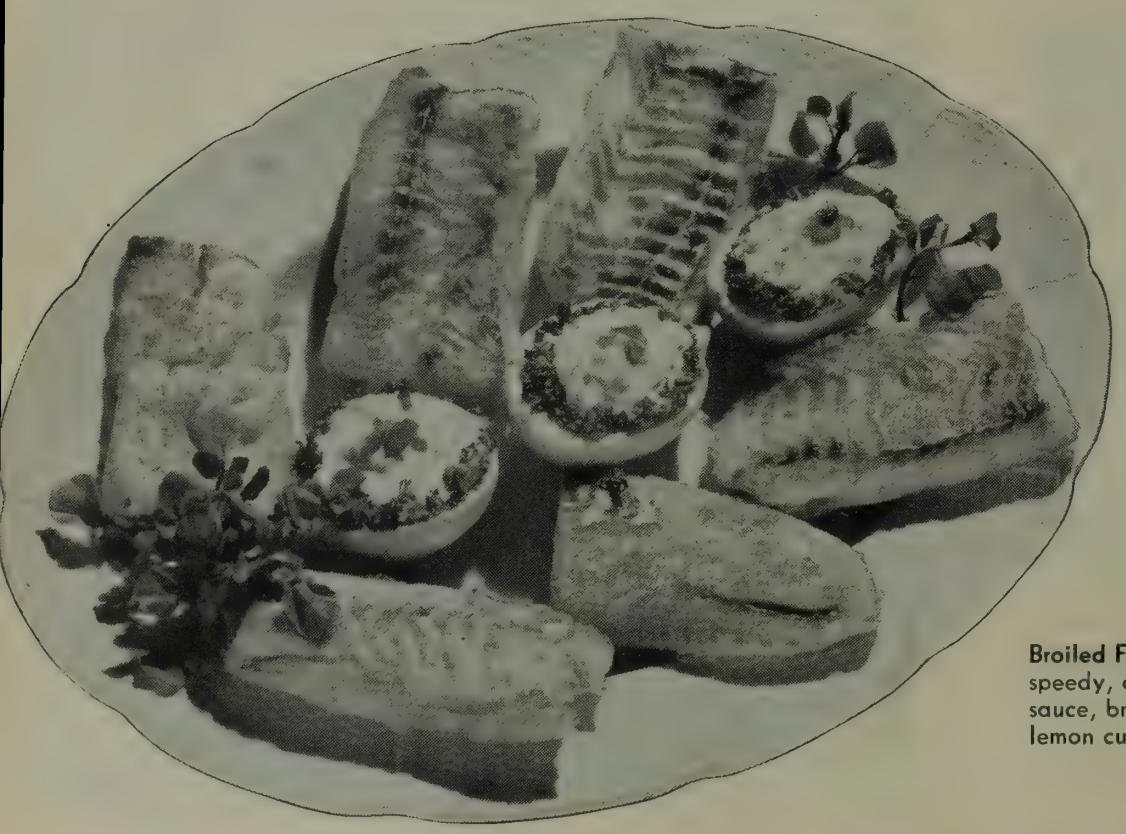


Slice mild spreading cheese or grated American cheese into the white sauce. Turn off heat. Stir mixture until the cheese melts. Right: Cheese Sauce is ready—smooth and golden. Here we're serving it over spears of asparagus on a hot platter. You may want to serve it over cauliflower, green beans, with a fluffy omelet; or over toasted meat sandwiches

Five fish dinners *and how to cook them*

YOU'LL find a fine sea-food selection at a moderate price all during Lent. Forget your old stand-bys and try different kinds of fish, and different ways to fix them.

Broil or bake fresh fish. Fix canned salmon and tuna in casserole dishes or toss them in a salad. There are five main dishes here—all using fish. And, if you're fishing for ideas for what-to-serve-with, each dish is presented in a meal. See page 98 for more pictures and more ideas.



Sea Grill

*Broiled Fillets

Paprika Potatoes — Whole Carrots

Grapefruit Endive Salad

Hot Rolls

Cheese — Crackers

Fresh Fruit

Broiled Fillets are into the broiler and out again in 15 minutes for a speedy, delectable dinner. Brush the fillets with salad oil and soy sauce, broil them to a golden brown. Pass fillets on a platter with lemon cups filled with tartare sauce, garnished with chopped parsley

Photographs: Wesley Bowman

Ocean Pie

Tomato Soup

Celery — Crisp Crackers

*Simple Simon Tuna Pie

New Asparagus — Spring Salad Bowl

Toasted Rolls

Walnut Torte



Simple Simon Tuna Pie is as easy to make as its name suggests. The center is chunks of tuna, the border steaming-hot noodles. Pour mushroom soup and seasonings over all; sprinkle with grated cheese. Bake pie 30 minutes, and it's ready for the trip to the table



Cape Cod Dinner

*Gloucester Codfish Balls

*Chili Butter or Tartare Sauce

Tossed Spinach Salad

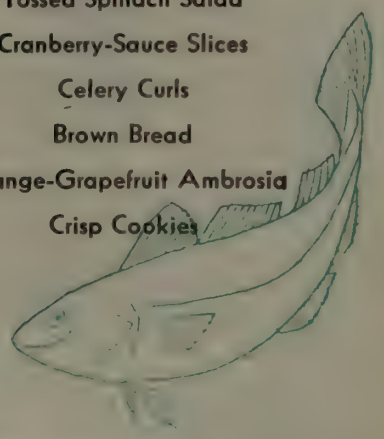
Cranberry-Sauce Slices

Celery Curls

Brown Bread

Orange-Grapefruit Ambrosia

Crisp Cookies



Gloucester Codfish Balls are fried in deep fat to a crusty, golden brown. Serve them with slices of cranberry sauce and tartare sauce. If you really want to give the family a treat, do these for Sunday breakfast

Good Catch

Fruit Cup

*Halibut Bake

*Tartare Sauce

Oven French Fries

Brussels Sprouts

Shredded New Cabbage Salad

Shamrock Rolls

Lemon Meringue Pie

Halibut Bake is halibut steaks. They bake with onion slices and bits of salt pork on the bottom. Top is sprinkled with lemon juice, a butter-flour mixture, then cracker crumbs. That's how you get golden brown, crusty top. Garnish with lemon and water cress





Sea Fare

Hot Consomme

*Baked Whole Fish

Whole Browned Potatoes Buttered Broccoli

Tomato Slices on Water Cress

French Dressing

Chocolate Squares With Ice Cream

Baked Whole Fish could be a white fish, halibut, perch, pike, or trout. Put the whole dinner on one big platter —browned new potatoes, green broccoli, slices of lemon

More pictures, recipes on page 98

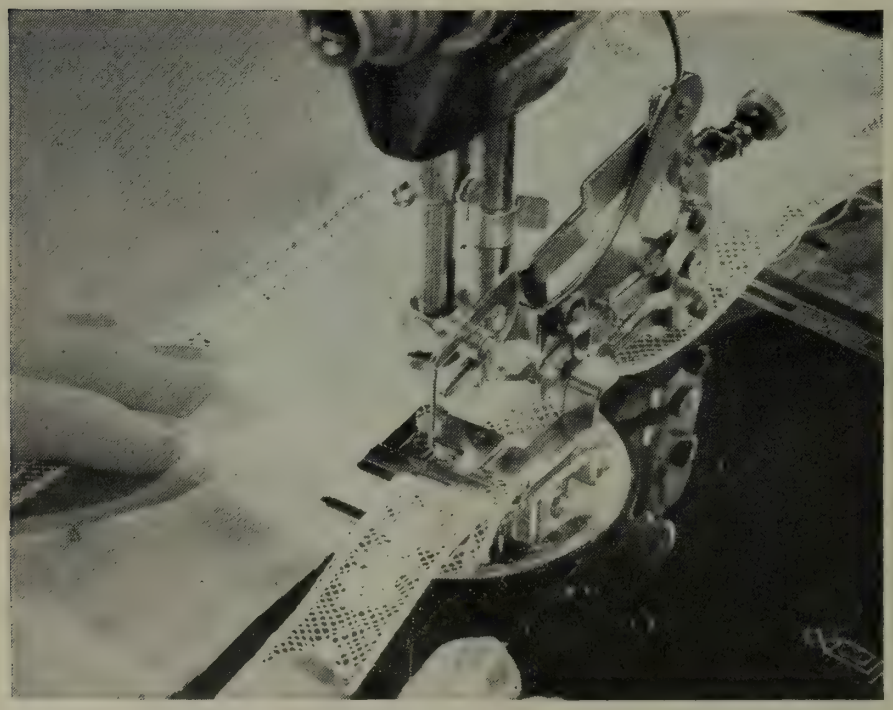
It's magic your sewing machine can do

By Mary Brooks Pickens

IN NEARLY every picture on these pages you see hands. But the hands aren't sewing. They're *guiding*. Your sewing-machine *attachments* do the work.

The attachments go through their jobs so fast and work so deftly, you can do yards and yards of ruffling or hemming—even embroidering—in a fraction of the time it would take you by hand. And the finished piece has the sturdiness of good workmanship.

Attachments are back on the market now. Photographs show how they look and what they do. Follow these rules when you use them: (1) Have the material straight with the woof or filling threads. (2) Tear or pull a thread across material. (3) Cut straight with the thread of the material. (4) If the selvages are uneven, stretch the fabric diagonally until they are straight. (5) Measure widths and lengths, hems and facings accurately. (6) Cut all seam lines true. (7) Press each seam before it joins another. (8) Practice using the attachment on a piece of the fabric so your work will be perfect from the first stitch to the last.





Dainty lace insertions

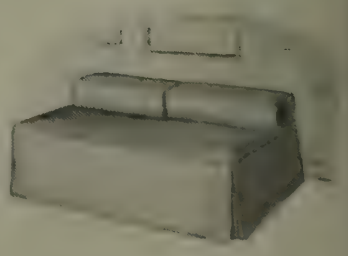
The *edge-stitcher* holds one edge over another so precisely you can sew ribbons, and rows of braiding or banding together with one stitching.

In the picture we're applying a lace insertion to the skirt of a bassinet. Edges are caught securely, without too much overlap, so you get a dainty, even finish.



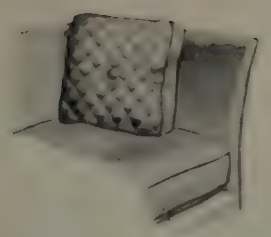
Sturdy, colorful slipcovers

Two attachments—the *bias cutting gauge* and the *cording foot*—are your helpers here. With the cutting gauge cut cording strips evenly. Then enclose cord in the bias strips with the cording foot. Insert covered cord in seam, using the same foot to hug the seam line close to the cord, as we show in the picture above.





Hours of work saved for these fingers

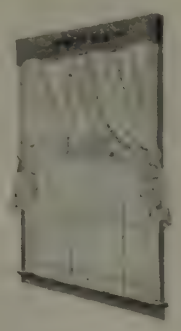


The *quilter* is a special attachment which you can adjust for quilting a design or making parallel rows of stitching as we are in the picture, left.

Quilting by machine is a practical way to enhance fabric and to add to its weight or warmth, and usefulness at little cost. This attachment insures even spacing and straight stitching. Pillow in sketch has quilted cover.

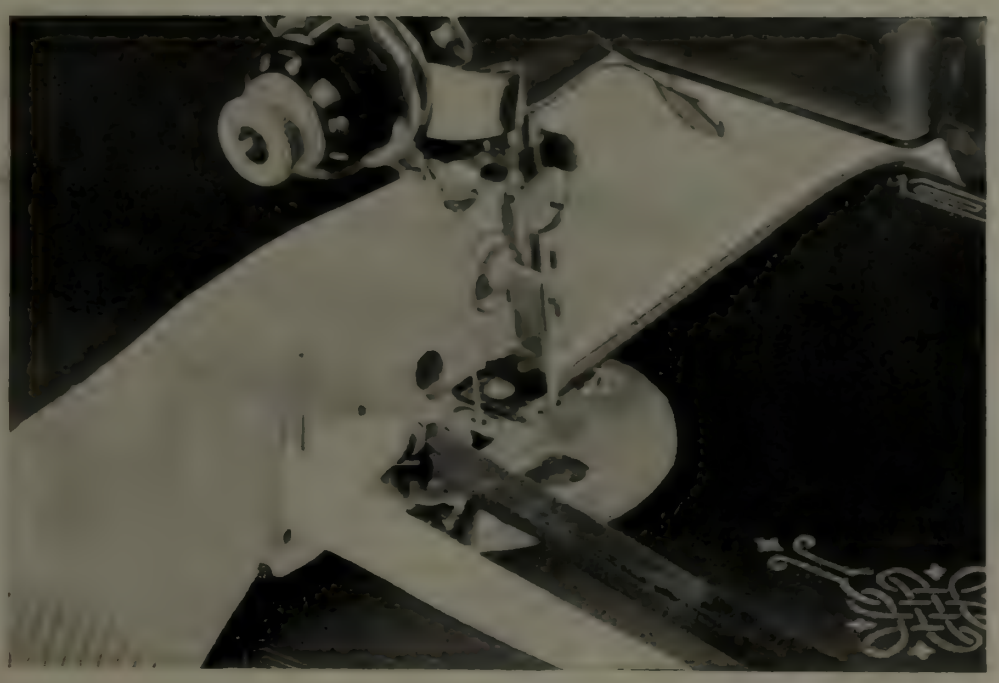


Fast hemming

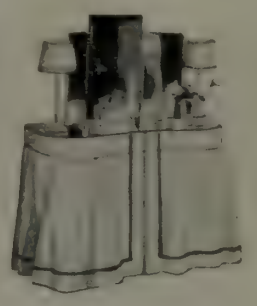


You can adjust the machine *hemmer* to the width hem you want—from the narrowest to a two-inch width. Fabric lies flat so you can keep your work fresh looking; hemmer keeps hems perfectly even.

In the sketch, for example, the hemmer was used for the wide hems for the curtain rod and for the narrow hems on the ruffles. For even, narrow hems in sheer fabrics, there's a *flange hemmer* attachment.



Quick, smart trim with binding



With the *multi-slotted binder*, shown working at left, you can do a dressing-table skirt in a whiz—and at the same time brighten up the bedroom with fresh color.

What's so fast about it? You can apply two colors and two widths of bias binding *at the same time*. Use this same attachment for making colorful trim for bedspreads. With a few bright pieces of material you can soon have a brand-new pair of kitchen curtains.



Embroidery by machine



Here's where you can have fun making gifts. A design for a drapery or for cushions or table linen is stamped on the fabric. The fabric is held taut in an embroidery hoop. The decorative stitching is then done by machine with the *embroiderer* attachment. Sketch above shows place mat and napkin which have been machine-embroidered. Same device does a neat darning job in record time.

A LITTLE MEAT GOES A LONG, LONG WAY WITH THIS

Eat Better - Spend Less - with this delicious HEINZ RECIPE

OLD HOME MEAT LOAF



Combine ¼ cup Heinz Tomato Ketchup, 1 cup dry bread crumbs, 1 cup milk. Let stand 5 min. Add 2 lbs. ground beef, 2 eggs, ½ cup chopped onion, 1 Tbs. salt. Bake in flat pan in moderate oven (350° F.) 1 hr. Serves 6 to 8.

Give your thrifty dishes a taste-thrill by adding Heinz Tomato Ketchup! This luscious blend of "Aristocrat" tomatoes and spice makes stews, casseroles, low-cost meats *delectable!* Just a little does a *lot* for your cooking!

Heinz Ketchup 57

The 3,000,000th



Cook Book

THE *Better Homes & Gardens Cook Book*, an all-time best seller, has now sold 3,000,000 copies.

So this month we're having a "birthday." Here's how we're celebrating the 3,000,000th cook book. On pages 60, 61, and 62 you will find color photographs of special recipes from the Cook Book. The recipes themselves you'll find on page 170.

Cooks' Round Table is printed in *color*. See page 73.

The success of our Cook Book, the success of our Cooks' Round Table is largely the success of our readers. You send us recipes—through our monthly contests. This month's contest is set forth below. And this month a $3,000 contest is announced on page 176.

We at *Better Homes & Gardens* like the flood of mail you send us—recipes by the *thousands*. Each recipe is carefully read. Each recipe that finally appears in the magazine and in the Cook Book has been prepared and tested by us at least three times, so we can be sure others can duplicate our success. Keep those recipes coming and your Cook Book will keep right on growing.

New recipe contest

Cash for cookies and pot roasts

RECIPE contest offers $10 for first prize and $3 each to 20 other winners. Just send your best bar cooky or pot roast recipe—an easy way to try for a prize.

Bar cookies include fig or raisin bars, date and nut fingers, fudge-frosted brownies, almond-coconut squares, peanut strips, ginger-flavored Chinese sticks, or any favorite you have. The bars may be chewy or crisp, fruity or nutty. Just so they're mighty good to eat.

Pot roasts will be popular fare next October, when we publish your prize recipes. Tell us just which cut of meat you buy, what you cook with it, and how long you cook it.

Do you have any special tenderizing tricks, like substituting tomato juice and vinegar for the liquid? What seasonings do you use—mustard, garlic, cloves, marjoram, a bay leaf, Worcestershire or chili sauce?

Besides potatoes, carrots, onions, and celery, do you add a surprise vegetable, like Limas or a special topper like browned mushrooms? Do you make dumplings? Maybe you omit the vegetables, and spoon a tart fruit sauce over the pot roast. Cranberries or stewed apricots lend distinctive flavor.

Tell us exactly how to reproduce your best pot roast dinner, and don't forget the gravy; we'll try it in our Tasting-Test Kitchen. You may win a prize.

And remember, the winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement, and *six copies of the endorsed recipe.*

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it, "October Bar Cookies" or "October Pot Roasts."

2. Print your full name and address clearly in upper right corner of recipe page.

3. Give measurements in *level* cups, tablespoons, and teaspoons, never in heaping or scant measurements.

4. Be sure to specify in your recipe the brand names of the *nationally*

[*Turn to page 114*

"From one recipe...these 5 beginner-easy buttermilk rolls!"

says Betty Crocker

extra-quick...extra-easy...extra-good!





Yeast rolls too "tricky" for you? Not with this new and clever, oh-so-easy Betty Crocker recipe!

Imagine! Delicious, piping hot Buttermilk Rolls . . . the 5 most popular variations . . . from only one "key" recipe! Says one home tester: "By far the best and easiest rolls I've ever made!"

Be sure you use Gold Medal "*Kitchen-tested*" Enriched Flour. This recipe was tailored, tested for Gold Medal only! America's favorite flour by nearly 2 to 1, Gold Medal gives excellent results in *all* types of baking—from glamorous Betty Crocker "Chiffon" Cakes to light, tender rolls, pies, cookies—*everything!* Get a sack today.

General Mills



Get 6-Way Nourishment — Use Enriched Flour

Betty Crocker 5 WAY *Buttermilk Rolls*

Perfect results assured only when Gold Medal "*Kitchen-tested*" Enriched Flour is used.

BASIC DOUGH

Mix together . . . . { **1 cup lukewarm thick buttermilk**; **1 tsp. sugar**; **¼ tsp. soda**; **1 tsp. salt**; **3 tbsp. soft shortening** }

Crumble into mixture . . . . . { **1 cake compressed yeast (*or 1 pkg. dry granular yeast)** }

Stir until yeast is dissolved.

Mix in, first with spoon, then with hand . . . . { **2½ to 2¾ cups *sifted* GOLD MEDAL "*Kitchen-tested*" Enriched Flour, adding in 2 additions, using amount necessary to make dough easy to handle** }

Turn dough onto floured board. Cover, let stand 10 minutes to tighten up, then knead until smooth and elastic. Shape as directed below. Cover with damp cloth, let rise at 85° until double . . . from 1 to 1¼ hr. Bake as directed.

*If dry granular yeast is used, follow the pkg. directions. Or, add to ¼ cup lukewarm water and let stand 5 minutes *without stirring*. Stir thoroughly before adding to liquid mixture in recipe. Subtract the ¼ cup water from total liquid in recipe.

VARIATIONS (Use whole recipe above for each)

1. CLOVERLEAF ROLLS: Shape into 1-in. balls. Place 3 balls in each of 18 greased medium-sized muffin cups. Let rise as above. Bake *15 to 20 min.* in *mod. hot* (400°). *Makes about 1½ doz.*

2. PARKERHOUSE ROLLS: Roll ¼-in. thick on lig floured board. Cut with 2½-in. floured cooky cu Spread with very soft butter. Make crease with bac knife across each round . . . just off center. Fol larger half slightly overlaps. Press edges togethe ends of crease. Place almost touching in greased bal pan. Let rise as above. Bake *15 to 20 min.* in *mod oven* (400°). *Makes about 1½ doz.*

3. CINNAMON ROLLS: Roll dough on lightly flo board into an oblong 9x12-in. Spread with *2 softened butter*. Sprinkle with mixture of *½ cup sugar 2 tsp. cinnamon*. Roll up tightly, beginning at wide s Seal well by pinching edge of dough into roll. Cu 12 slices 1-in. wide. Place cut-side-up in well-gre square pan, 9x9x2-in., or 8-in. skillet. Let rise as ab Bake *about 25 min.* in *mod. hot oven* (400°). Ice with confectioners' sugar icing, if desired. *Makes 1*

4. BUTTERSCOTCH ROLLS: Proceed as for Cinna Rolls, but place slices in 9x9x2-in. baking pan co with *⅓ cup melted butter*, *⅓ cup brown sugar*, *⅓ pecan halves*. Let rise; bake, then turn upside down mediately onto a baking sheet. Let pan stay 1 mi allow mixture to run down over them. *Makes 1*

5. PAN ROLLS: Form into balls the size of large nuts. Place close together in greased 8-in. round l pan. Let rise as above. Bake *about 30 min.* in *mod. oven* (400°). *Makes about 1½ doz.*

NOTE: Do not use this recipe with Self-Rising Fl

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Dee-licious!

CRISP!

Kellogg's RICE KRISPIES

SNAP! POP!



KIDS' FAVORITE! We asked thousands of children their favorite ready-to-eat cereal. Most wanted RICE KRISPIES, those swell pops that go snap-crackle-pop in milk! Help 'em to better breakfasts from the Regular Size!



Choose the one you love the best: Kellogg's Corn Flakes, Rice Krispies, Pep, Shredded Wheat, Bran Flakes, Krumbles, Corn-Soya.

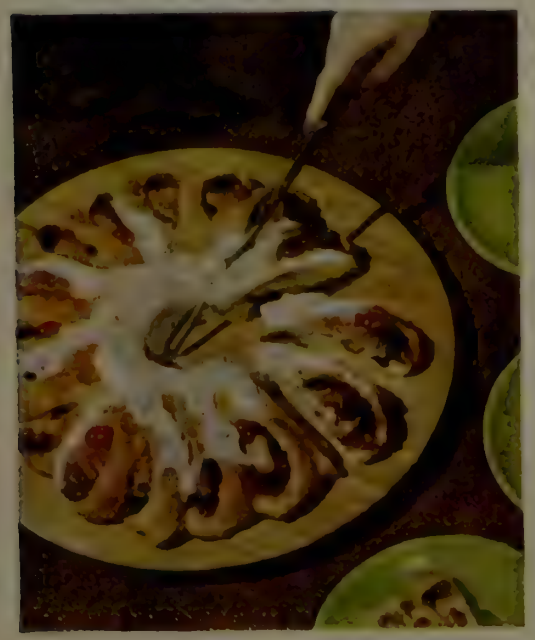
RICE KRISPIES—one of Kellogg's all-star VARIETY PACKAGE favorites!

Watch folks get *hungry* for a better breakfast when you bring on Kellogg's VARIETY PACKAGE! 7 different, delicious cereals in 10 generous boxes—*your* choice of nourishing corn, soya, wheat, or rice—flaked, shredded 'n' popped. ALL KELLOGG-FRESH. All "real good food" that makes breakfast a bright-start meal. Most popular assortment of all, because . . .

Rice Krispies is a trademark (Reg. U. S. Pat. Off.) of Kellogg Company for its oven-popped rice.









Cinnamon Coffeecake

- ¼ cup shortening
- ¾ cup sugar
- 1 egg
- 2 cups enriched flour
- 3 teaspoons baking powder
- ½ teaspoon salt
- ¾ cup milk
- 1 slightly beaten egg white
- 1 tablespoon water
- 2 tablespoons sugar
- 1½ teaspoons cinnamon
- 1 tablespoon melted butter
- ¼ cup chopped California walnuts

Thoroughly cream shortening and sugar. Add egg; beat thoroughly. Add sifted dry ingredients alternately with milk. Spread half of mixture in greased 6- by 10-inch pan. Brush with beaten egg white and water. Combine remaining ingredients and sprinkle half over batter. Cover with remaining batter and repeat. Bake in moderately hot oven (375°) 30 minutes. Top with walnuts. Serves 8.—*Marillynn Mark, Chicago.*

Refrigerator Coffee Ring

- 1 cup shortening
- 4 cups enriched flour
- 1 cake fresh or 1 package granular yeast
- 1 cup lukewarm milk
- 3 tablespoons sugar
- 1 teaspoon salt
- 3 beaten eggs

Cut shortening into flour. Soften crumbled yeast in milk; add sugar, salt, and eggs; blend. Add to flour mixture and beat smooth. Place in greased bowl; cover and store in refrigerator overnight. Roll ½ inch thick. Brush with melted shortening and sprinkle with ¼ cup sugar, 2 teaspoons cinnamon, ¼ cup each seedless raisins and chopped walnuts. Roll. Shape in ring on greased baking sheet. Snip at 1½-inch intervals. Cover and let rise until double. Bake in moderate oven (350°) 35 minutes. Glaze.—*Mrs. A. J. Lorenz, Los Angeles.*

Butterscotch Curls

- 1 cup milk, scalded
- ½ cup sugar
- 1½ teaspoons salt
- ½ cup melted shortening
- 2 cakes fresh or 2 packages granular yeast
- 2 slightly beaten eggs
- 4½ to 5 cups enriched flour

Combine ¼ cup melted butter, ½ cup brown sugar, and 3 tablespoons cream. Pour into muffin pans. Combine milk, sugar, salt, and shortening. Cool to lukewarm. Add yeast; stir until dissolved. Add eggs and beat well. Stir in flour; beat until smooth and elastic. Roll ¼ inch thick. Spread with 3 tablespoons melted butter; sprinkle with ½ cup brown sugar and 1 teaspoon cinnamon. Roll. Slice 1 inch thick and place in muffin pans. Let rise until double. Bake in moderate oven (350°) about 25 minutes. Makes about 2 dozen.—*Mrs. L. V. Koehler, Massillon, Ohio.*

Cooks' Round Table of Endorsed Recipes

RECIPES ENDORSED BETTER HOMES & GARDENS TASTING TEST KITCHEN

Casseroles

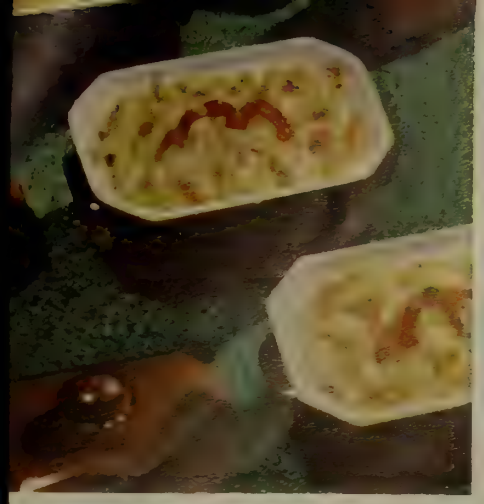


Beef Stroganoff

Pass a bowl of Parmesan cheese. Each one sprinkles the cheese over his own steaming plateful—

- 1 pound round steak, cut in ¾-inch pieces
- 2 tablespoons fat
- ½ cup chopped onions
- 1 clove garlic, minced
- 1 6-ounce can broiled mushrooms, quartered
- 1 cup sour cream
- 1 10½- or 11-ounce can condensed tomato soup
- 1 tablespoon Worcestershire sauce
- 6 to 8 drops Tabasco sauce
- ½ teaspoon salt
- ⅛ teaspoon pepper
- 1 8-ounce package spaghetti, cooked

Dip meat in flour; brown in hot fat. Add onions, garlic, and mushrooms. Combine remaining ingredients, except spaghetti; pour over meat. Simmer till tender, about 1 hour. Serves 4 to 6. Serve over spaghetti. Sprinkle with Parmesan cheese.—*Mrs. E. A. Bedell, Fort Belvoir, Virginia.*



Macaroni 'n' Cheese

1 6-ounce package 7-minute macaroni
1 teaspoon grated onion
½ cup milk
1 10½- or 11-ounce can condensed cream of mushroom soup
½ teaspoon salt
⅛ teaspoon pepper
½ pound American cheese, cubed

Cook macaroni in boiling, salted water; drain and rinse. Combine onion, milk, soup, and seasonings. Alternate layers of macaroni, soup, and cheese in greased 1½-quart baking dish. Bake in moderate oven (350°) about 45 minutes. Serves 6 to 8.—*Mrs. N. Blake, Bedford, Ohio.*



Big Dinner Casserole

1 8-ounce package noodles, cooked
1 pound ground beef
1½ cups chopped onion
2 cups chopped celery
3 tablespoons chopped green pepper
2 tablespoons fat
1 teaspoon salt
⅛ teaspoon pepper
1 to 2 teaspoons soy sauce
1 10½- or 11-ounce can condensed tomato soup

Arrange cooked noodles in greased 2-quart casserole. Cook meat, onion, celery, and green pepper in hot fat until onion is golden. Season. Add soy sauce and tomato soup; heat to boiling. Pour over noodles. Bake in moderate oven (350°) 30 minutes. Serves 6 to 8.—*Mrs. M. H. Lax, St. Paul, Minnesota.*



Pork and Macaroni Bake

1 pound ground pork
½ cup chopped onion
½ clove garlic, minced
2 tablespoons fat
1 8-ounce can tomato sauce
1 6-ounce can tomato paste
1 3-ounce can broiled mushrooms
½ teaspoon salt
⅛ teaspoon pepper
1 7-ounce package macaroni, broken and cooked
2 cups grated sharp cheese

Cook pork, onion, and garlic in hot fat until onion is golden. Add tomato sauce and paste, mushrooms, and seasonings. Simmer 15 minutes. Alternate layers of macaroni, cheese, and meat in greased 2-quart casserole. Sprinkle top with cheese. Bake in moderate oven (350°) 45 minutes. Serves 8.—*Mrs. Ralph Hartnagel, St. Louis.*

of Endorsed Recipes

RECIPES ENDORSED BETTER HOMES & GARDENS TASTING TEST KITCHEN

Breads



Dessert Coffeecake

There's a spicy date-nut filling. Serve hot from the oven, plain or with a pat of butter—

½ cup shortening
½ cup sugar
½ teaspoon vanilla
1 egg
1½ cups enriched flour
½ teaspoon salt
1½ teaspoons baking powder
½ cup milk

Thoroughly cream shortening, sugar, and vanilla. Add egg; beat thoroughly. Add sifted dry ingredients alternately with milk. Spread half of the batter in greased 8-inch square pan. Cover with Date Filling. Add remaining batter. Bake in moderate oven (350°) 45 minutes. Top with chopped California walnuts. **Date Filling:** Combine ½ cup brown sugar, 1 tablespoon enriched flour, 1 tablespoon cinnamon, ¼ cup melted butter or fortified margarine, ¼ cup chopped California walnuts, and ¼ cup chopped dates.—*Mrs. Robert W. Young, Glendale, California.*

What a dish is fish — served with this wonderful *Early Garden* TRADE MARK flavor!



That's because — these DEL MONTE Peas are a blend of different sizes!

Big peas—little peas—middle-sized peas! Nature herself blends them all together in every batch of fresh peas. That's what makes their flavor so tempting. The richness of the larger peas *rounds out* the sweetness of the smaller.

So imagine how specially flavorful this blend must be. All the best-eating sizes are chosen at picking time. Then only the very tenderest and most delicious peas of each of those sizes are selected, and packed together.

Mighty good eating—those DEL MONTE *Early Garden* Peas! Try them next time, for sure.

One more good food from the brand that puts **FLAVOR FIRST**

SALMONETTES, GARDEN STYLE

- 1 cup DEL MONTE Red Salmon*
- 1 cup milk
- ⅓ cup soft bread crumbs
- 1 tbsp. lemon juice
- 1 tsp. minced parsley, if desired
- 1 tsp. Worcestershire sauce
- ½ tsp. onion salt
- ¼ tsp. each: paprika and celery salt
- 2 eggs, beaten
- 1 No. 2 can DEL MONTE *Early Garden* Peas

Remove any skin and bones from salmon. Pour milk over crumbs; stir in salmon and all other ingredients except peas. Pour into greased custard cups. Set cups in pan of hot water; bake in moderate oven (350° F.) about 40 min. or till knife inserted in center comes out clean. Turn out on hot platter and surround with the DEL MONTE *Early Garden* Peas, heated and seasoned. Garnish: Parsley, half-slices of white and sieved yolk of hard-cooked egg. Serves 4.

**Tuna or cooked white fish may be substituted.*



Del Monte Early Garden Peas

TRADE MARK

BRAND

Mrs. America's FAVORITE coffee pots...

* THE COFFEE POTS THAT WENT TO COLLEGE



* *A great American university conducted exhaustive research to determine the exact coffee pot construction for making the best coffee* every time. *All Wear-Ever coffee-makers have the results of this scientific research incorporated in them.*

Throughout America, in homes where delicious coffee is served, you'll find Wear-Ever Aluminum coffee-makers. Women have told one another; the word has spread: Wear-Ever coffee-makers produce perfect coffee *every time* . . . and so easily! Silvery, *friendly-to-flavor* aluminum *protects* the rich, natural goodness of coffee, as it does of *all* foods. *Wear-Ever aluminum coffee-makers* last indefinitely too. See Wear-Ever perks and drips at your favorite housewares store today . . . in sizes to suit your needs.

DRIP POTS	PERCOLATORS
4 cup — $3.25	4 cup — $2.50
6 cup — $3.60	6 cup — $2.75
8 cup — $3.95	8 cup — $2.95

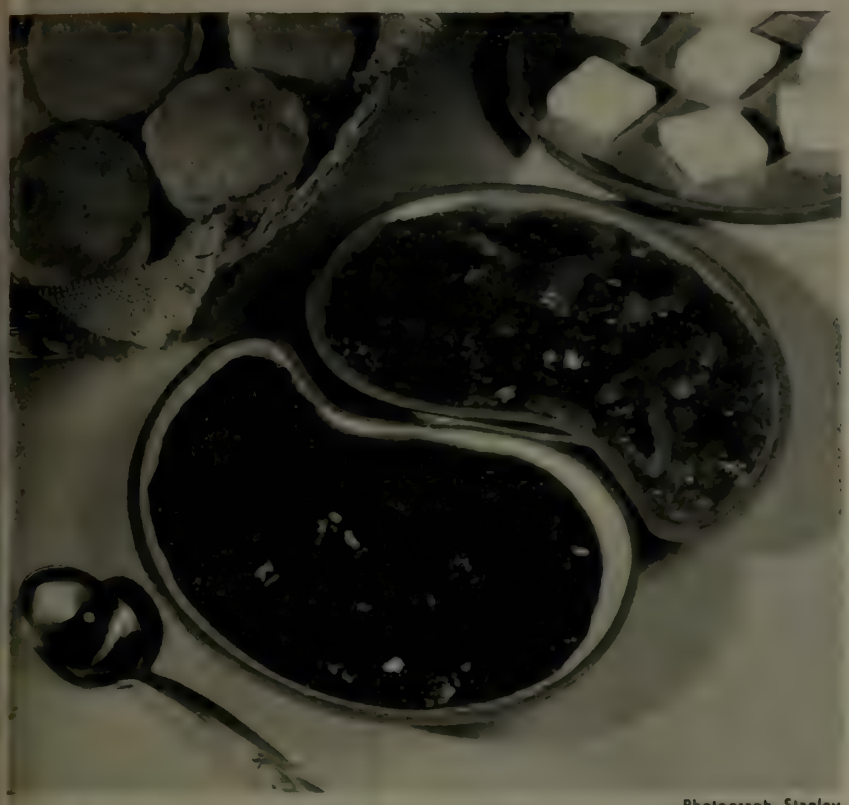
All prices slightly higher in the West.

Good coffee every time with **WEAR-EVER** aluminum coffee-makers

Send for the free Wear-Ever folder on "Secrets of Making Better Coffee." It includes recipes featuring delicious coffee-flavor treats. Write Margaret Mitchell, Director of Wear-Ever Kitchens, 1703 Wear-Ever Building, New Kensington, Pa.

THE ALUMINUM COOKING UTENSIL COMPANY NEW KENSINGTON, PENNSYLVANIA ©TACUC

Fruit spreads you can make now



Photograph: Stanley

Fresh strawberry jam with frozen berries; golden grapefruit-orange marmalade

IF YOUR jam-and-jelly shelf is down to the last glass, here are recipes for four spreads to replenish your supply. You can make these spreads from dried, canned, fresh, or frozen fruits.

Grapefruit and Orange Marmalade

Its tangy flavor goes perfectly with breakfast toast, hot biscuits, or muffins—

1 large orange
1 lemon
1 grapefruit

Shred fruit fine with a sharp knife. Add three times as much water as fruit and let stand overnight. Boil 15 minutes and let stand again overnight. Measure, and for every cup, add a cup of sugar. Boil mixture till it sheets from a spoon. Makes about eight 8-ounce glasses.—*Mrs. A. D. Miller, Grinnell, Iowa.*

Fresh Strawberry Jam

To taste it, you'd think the strawberries were fresh from the patch—

Thaw 1½ cups (1-pound package) frozen, sweetened, sliced strawberries, as box directs. Place in large, heavy saucepan. Measure and set aside 1½ cups sugar, to add at a moment's notice. Place saucepan of strawberries over high heat. Add 3 tablespoons (⅓ package) powdered pectin; stir until mixture comes to a hard boil. Add sugar immediately, stirring. Keep jam at a full rolling boil for 1 minute, stirring constantly. Remove from heat; skim; pour quickly into glasses. Paraffin at once. Makes three 6-ounce glasses.

Pineapple Jam

Open a can of pineapple, a package of apricots, add some sugar—that's all you need for a delicious golden jam—

1 pound dried apricots
2 No. 2½ cans broken pineapple slices
Sugar

Wash apricots and cut in pieces; soak overnight in syrup drained from pineapple. Dice pineapple and combine with apricots; measure and add ½ cup sugar for each cup fruit and juice. Cook over low heat until thick and transparent. Seal in hot, sterilized glasses. Makes ten 6-ounce glasses.

Cranberry and Grapefruit Jelly

Tender, quivery bright-red jelly you'll like with hot breads or as accompaniment for meat—

2 cups canned cranberry juice
2 cups strained fresh grapefruit juice
1 3-ounce package fruit pectin
4½ cups sugar

Combine juices. Stir in fruit pectin. Heat to boiling. Add sugar. Stir constantly until boiling. Boil hard ½ *minute*. Remove from heat. Skim. Seal in hot, sterilized glasses. Makes twelve 4-ounce glasses.

Is CHOCOLATE your family's favorite flavor, too?

Then you'll want to bake with
BAKER'S CHOCOLATE





In baking it pays to buy the best. So to please a family of real chocolate lovers, you'll want to bake with Baker's Premium Number One Chocolate. Rich, pure, and delicious, Baker's Chocolate gives all your chocolate cookery *real* chocolate flavor and rich chocolate color.

Products of General Foods

CHOCOLATE CHIP COOKIES
(Recipe on package)





That something special about Baker's Semi-Sweet Chocolate Chips is just this: They're specially processed to resi oven heat . . . *stay* firm and crunchy right through bakin Then; of course, there's that one and only *Baker's* re chocolate flavor. As chocolate-loving folks will tell yo you just can't beat that Walter Baker flavor!

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ENJOY THE WHOLE WALTER BAKER FAMILY!

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Breakfast Cocoa
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Semi-Sweet Chocolate Chips
German's Sweet Chocolate
Premium Number One

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ker and Fresh'ner Locker—gives you *Cold Mod-
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t, created by Gibson, with the proper combination
old moisture for keeping fresh meats, vegetables
other foods fresh and appetizing. Retains vita-
s and flavors. Prevents wilting and drying out.
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2 complete, balanced-heat insulated ovens
—Smokeless broiler—Concealed oven vent—
7-Speed surface units—Minute Watchman.

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Gibson Refrigerator C

The story of a house



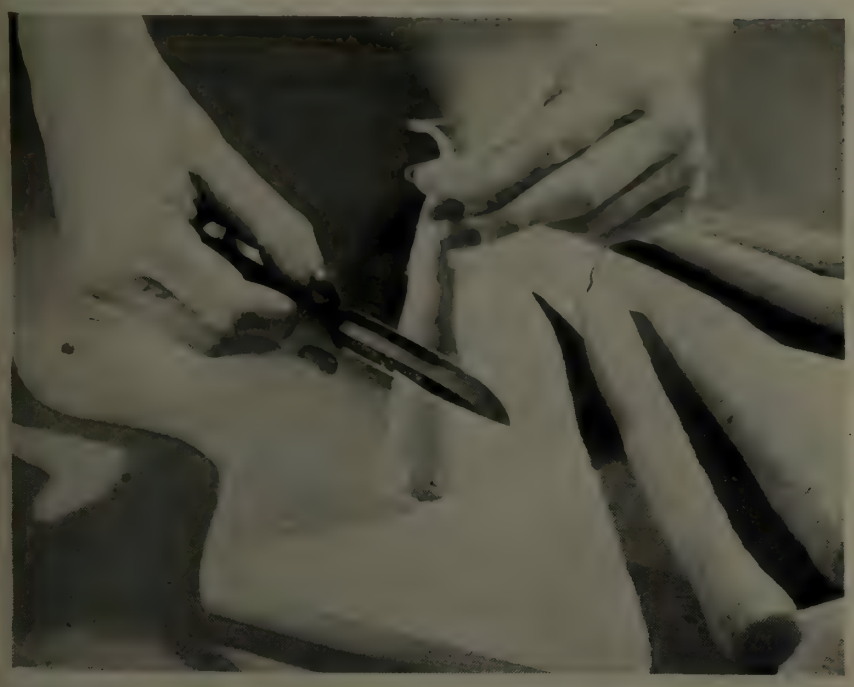
Put yourself in the Watsons' place for "The Story of a House" with Sydna Scott and Richard Kendrick

WOULD you like to be in on the planning, building, and furnishing of a home? The Watsons, Pete and Mary, Susie, and little Pete are an average American family; they could be *your* family, for that matter. You can meet them in "The Story of a House," a color movie now being shown by department and furniture stores across the country.

Produced by Sarra, Inc., under technical supervision of the editors of *Better Homes & Gardens*, this 30-minute film traces the building of a home from blueprint to housewarming. The picture is packed full of homemaking ideas you can use whether you're building a new home or just remodeling or refurnishing. You'll want to watch for a showing in your city.

Smart cook!

How to clean a carrot



Cut off the top. Stand the carrot on its head. Then scrape down the sides with sharp paring knife. This way, you can do the job in half the time it takes when you cradle the carrot in your hand

LUCKY ME!

My family loves this delicious blend of 8 vegetables

... ready-to-serve in this tasty drink!



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Vitamins A, B_1, B_2, C, Calcium and Iron. V-8 is a skillful blend of

TOMATOES • CELERY • BEETS
CARROTS • PARSLEY • LETTUCE
SPINACH • WATERCRESS.

Keep a pitcher of V-8 on the table. It's so good for your family.

Made by the makers of Campbell's Soups

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as simple as *that*...to glorify waffles—
ıcakes, French toast, hot biscuits and
ers, too).
verybody loves the rich, maple-y flavor
ARO* Syrup, Green Label...as a spread
in cooking. Try it both ways, *soon*.



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KARO Syrups are available in 1½, 5 and 10 lb. sizes.



*KARO is a registered trade-mark of Corn Products Refining Co., N. Y.





1 ***Medium White Sauce:*** Melt 2 tablespoons butter or fortified margarine in the upper part of a double boiler over low heat. Add 2 tablespoons flour, blend thoroughly

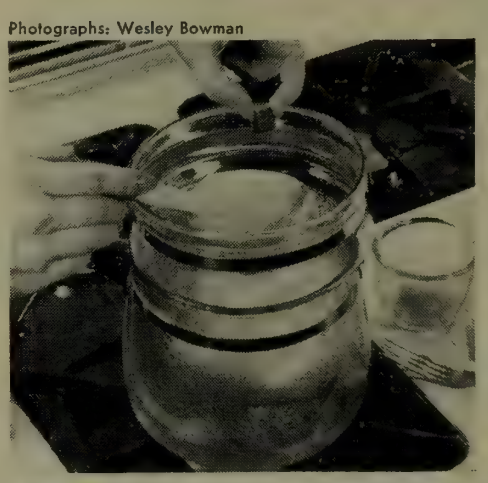


2 Add 1 cup milk, stirring constantly. When making large quantities of white sauce, you'll save time if you heat half of the milk. Add cold milk first; blend. Then stir in hot milk

How to make

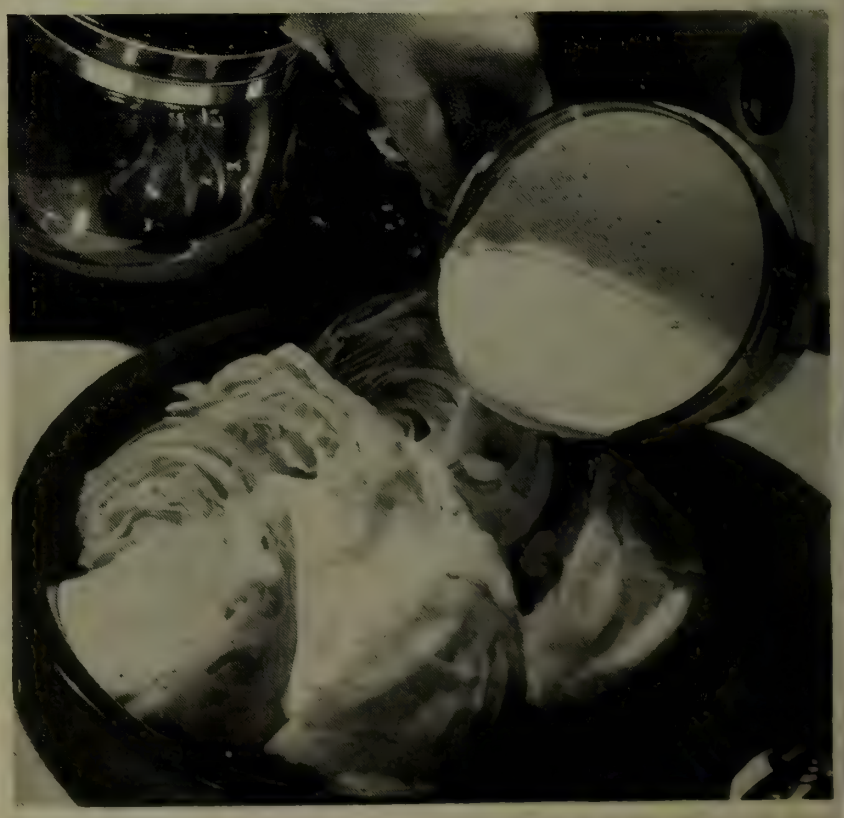
Perfect White Sauce

Photographs: Wesley Bowman



Allemande Sauce

Left: Add ½ bouillon cube or ½ teaspoon paste meat extract to 1 cup white sauce. Just before serving, add 1 tablespoon lemon juice and 1 well-beaten egg yolk mixed with a small amount of the hot sauce; blend. Cook 2 minutes over low heat, stirring constantly. Below: Allemande Sauce gives steamed cabbage wedges or broccoli a big boost in flavor





3 Cook till thick and smooth, stirring constantly. (Water shouldn't touch top pan.) Add about ¼ teaspoon salt and dash of white pepper. Cover; cook 5 to 8 minutes. Makes 1 cup



4 You may cook white sauce over direct heat if you use a heavy saucepan and stir the sauce constantly. If sauce must stand before using, cover pan to prevent scum forming

WHEN you leaf through a cook book, what's the recipe you find used most? White sauce. It's an extender in soups, casseroles, and creamed dishes, a binder in croquettes and soufflés.

Once you have the knack of making this basic sauce, you'll have all sorts of ways to give meat and vegetables new flavor build-ups. Pictures above tell you how to make perfect white sauce in double boiler or saucepan. Pictures below tell you how to vary its flavor and uses.

More on next page

Cheese Sauce

Right: Add grated cheese to white sauce just before serving. Measure ½ to 1 cup cheese for each cup sauce. Blend until cheese melts and sauce is smooth. Season sauce after adding cheese—some cheese is salty. Below: Cheese Sauce dresses up green beans, asparagus, or Brussels sprouts. For color, add minced pimiento to sauce. Grate cheese on top







CLEVER TWIST OF A BISCUIT . . .

Here's a bountiful main dish for lunch or dinner—enhanced by the crisp, tender, delicate biscuit twists Pillsbury's Best Enriched Flour provides. Get Pillsbury's Best—the 4X flour with the 4 Bakin Extras—for perfect results in every ty of recipe. Enjoy happy bakings fro now on!

Ann Pillsbury's EGGS JUBILEE with CHEESE

What flour but Pillsbury's Best could yield such perfect biscuits?

Serve

Bake at 425° F. for 12 to 15 minutes.

Sift together 1 cup sifted **Pillsbury's Best Enriched Flour**
1½ teaspoons double-acting **baking powder**
½ teaspoon **salt**

Cut in . . ¼ cup **shortening** with two knives until mixture resembles coarse meal.

Add . . . . ⅓ cup **milk**; mix only until all flour is dampened.

Knead . . . . . gently on floured board for a few seconds.

Roll . . . . . to 5x12-inch rectangle, ¼ inch thick.

Cut . . . . . lengthwise into four 12-inch strips. Place on ungreased baking sheet. Twist each strip several times and shape into ring. S ends.

Bake . . . . . in hot oven (425° F.) for 1 15 minutes.

Fill . . . . . rings with Deviled Eggs. S with hot Cheese Sauce.

Deviled Eggs: Halve 4 hard-cooked eggs le wise. Remove yolks and mash with fork. Ble 2 tablespoons mayonnaise, 1 teaspoon vi ½ teaspoon prepared mustard, ¼ teaspoo and dash of pepper. Refill egg whites with mixture.

Cheese Sauce: Melt 3 tablespoons shorten top of double boiler over direct heat. Blen tablespoons flour, ½ teaspoon salt and pepper. Add gradually 1½ cups milk, constantly until thickened. Place over water. Blend in 1 cup grated cheese; stir ionally until melted.

SAVE! Save Extra Value Coupons packed with every Pillsbury product and get valuable articles at unusual sav

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How to make Perfect White Sauce

Begins on page 80



Veloute Sauce

Left: Substitute concentrated beef or chicken stock for half of the milk required for Medium White Sauce. Like it rich? Use cream or undiluted evaporated milk for rest of liquid. Stir in chopped mushrooms if you wish. Below: Veloute Sauce, dotted with mushrooms, makes good eating served over croquettes, veal chops, or breaded sweetbreads





Egg Sauce

Left: Add 2 chopped hard-cooked eggs, ½ to 1 teaspoon lemon juice, and 1 teaspoon minced parsley to 1 cup Medium White Sauce. Mix thoroughly. Below: Egg Sauce is served on crusty fish fillets. The platter is garnished with egg slices and chopped parsley



Magic way to top-off dinner

—this quick, can't-fail coffee!

What a wizard way to make after-dinner coffee for all the family! With so little fuss. AND every cup just right . . . !



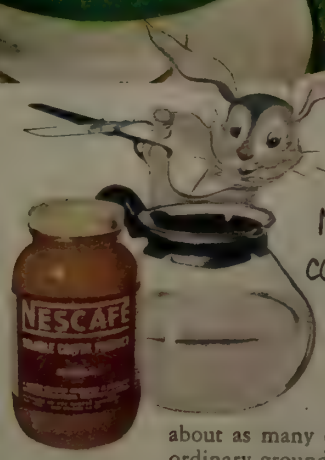
Magically convenient! Simply *measure* Nescafé* to suit taste—add piping hot water and stir. Coffee's ready—and *right* every time. No guesswork for strength preferred. And as easy to make coffee for all as to make a single cup.

Magically fresh! With all the flavor and "lift" of freshly brewed coffee. For Nescafé's choice, selected coffees *are* freshly brewed by experts. Then all the goodness is *sealed in* by added carbohydrates until you release it *fresh* in the cup.

You can't miss making good coffee with Nescafé—for breakfast, lunch, dinner, or any time between. Get Nescafé today—in the regular-size or big economy-size jar.



NESCAFÉ makes coffee right— every morning, noon or night!



Nescafé cuts coffee bills, too!

Serve Nescafé as your *regular* coffee—and save! Even a small jar makes about as many cups as a pound of ordinary ground coffee—*yet costs less in actual cash.*

GET THE BIG ECONOMY SIZE JAR

*Nescafé (pronounced NES-CAFAY) is the exclusive registered trade-mark of The Nestlé Company, Inc. to designate its soluble coffee product. It is composed of equal parts of pure soluble coffee and added carbohydrates (dextrins, maltose and dextrose) added solely to protect the flavor.

Men swarm like bees"



ays Frances Barton, "round this party-queen—Fiesta Banana Cake!"



ALLOW TWO PIECES per man when you serve this luscious, moist-rich tropical beauty!

It's just too good to last! But who cares? Your cake baking reputation will be made.

Mighty easily, too! For unusual as it is, this cake is really a simple Swans Down Mix-Easy! Like all these new Mix-Easy recipes . . .

No creaming!
Beating cut in half!
Fewer dishes to wash!
Richer taste!

Of course, this treasure of a recipe was worked out especially with Swans Down Cake Flour. It's at its luscious best with Swans Down. Guaranteed—but not with any other flour!

Make a Fiesta Banana Cake for your next bridge evening—or little dinner—or Sunday night supper. You'll realize once more why more women choose Swans Down than any other packaged cake flour in America!

FIESTA BANANA CAKE

Preparations. Have the shortening at room temperature. Line bottoms of pans with paper; grease. Use two round 9-inch layer pans, 1½ inches deep. Start oven for moderate heat (375°F.). Sift flour once before measuring.

Measure into sifter:
2 cups sifted Swans Down Cake Flour
1 teaspoon Calumet Baking Powder
1 teaspoon soda
¾ teaspoon salt
1⅓ cups sugar

Measure into mixing bowl:
½ cup butter or vegetable shortening

Measure into cup:
*Sour milk or buttermilk (See below)
1 teaspoon vanilla

Have ready:
1 cup mashed fully ripe bananas (peel should be yellow flecked with brown)
½ cup coarsely chopped nut meats (optional)
2 eggs, unbeaten

*With butter, margarine, or lard, use ½ cup minus 2 tablespoons sour milk or buttermilk. With vegetable or other shortening, use ½ cup sour milk or buttermilk.

Now—Swans Down's "Mix-Easy" Part I

1. Stir shortening just to soften. Sift in dry ingredients. Add ¼ cup of the milk, the mashed bananas, and mix until all flour is dampened. Then beat 2 minutes, or 300 strokes.

2. Add eggs, nuts, and remaining milk. Beat 1 minute longer, or 150 strokes. (Mix cake by hand or at a low speed of electric mixer. Count only actual beating time or strokes. Scrape bowl and spoon or beater often.)

Baking. Turn batter into pans. Bake in moderate oven (375°F.) 25 minutes, or until done.

Cooling. Cool cake in pans on racks for 5 minutes. Then loosen from sides with spatula, turn out, remove paper, and turn right-side up on racks to cool completely.

Serving. Whip 1 cup heavy cream. Peel and cut 3 ripe bananas crosswise into ¼-inch slices. Fold 1 tablespoon finely chopped maraschino cherries into one-third of the whipped cream. Spread on bottom layer. Arrange half of banana slices on top. Cover with second layer; spread top with remaining cream. Decorate with remaining banana slices and maraschino cherries just before serving.

(*All measurements are level.*)



A product of General Foods

Bake a better cake with Swans Dow

Know your crackers and how to use them?

By Jessie Prather

WHEN there are so many different kinds of crackers, why limit your uses of crackers to two or three varieties? The right cracker can add that extra something in crispness and flavor to your meals. Here we list 18 crackers and what you eat with them. Get acquainted with all of them. Below we list their eating companions.



Animal crackers
Serve with:
Baby's dessert

Baby arrowroot
Baby's dessert

Butter crackers
Milk drinks
Creamed foods
Toppings and extenders

Cheese crackers
Fruit cocktails
Canape spreads
Vegetable juices
Sparkling beverages
Milk drinks
Casseroles and toppings
Salads
Soups and chowders
Cracker sandwiches

Grahams
Fruit drinks
Milk drinks
Crust for pie
Baby's dessert
Cracker sandwiches
Cream or cottage cheese

Oyster crackers
Oyster stew
Sea-food cocktails
Chowders

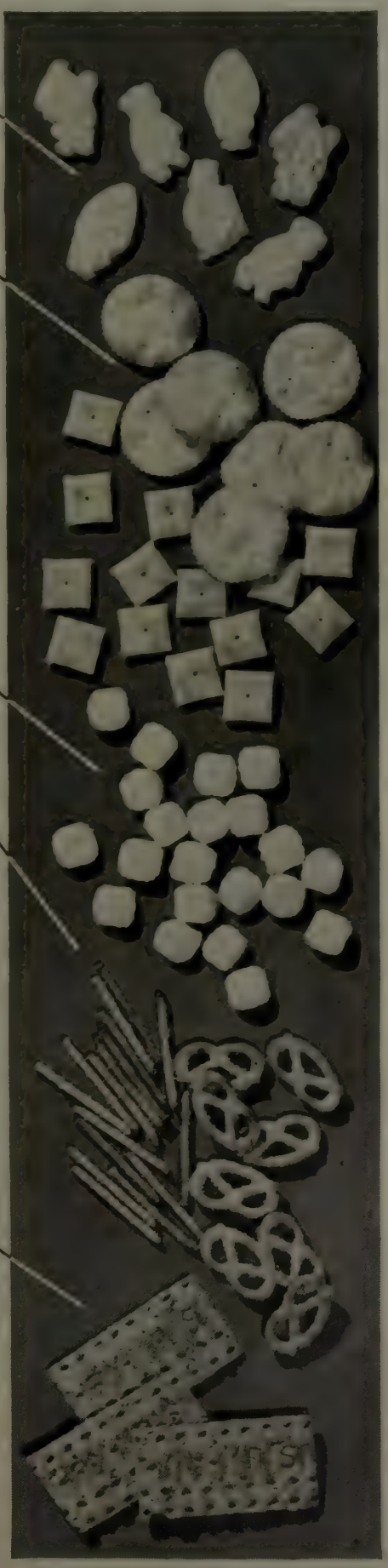
Pilot crackers
Chowders

Pretzels
Vegetable juices
Sparkling beverages

Rich round crackers
Sea-food cocktails
Fruit cocktails
Canape spreads
Fruit or vegetable juices
Sparkling beverages
Milk drinks
Casseroles and toppings
Salads
Soups or chowders
Fruit desserts
Afternoon tea
Cheeses
Rabbit

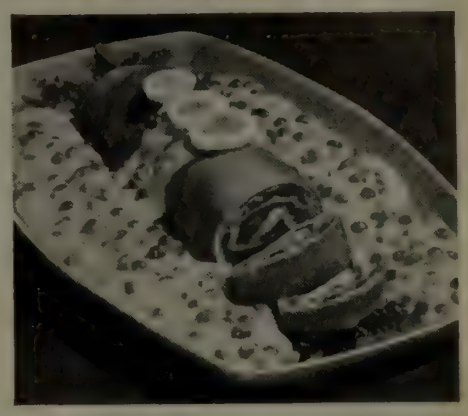
Rye wafers
Fruit cocktails
Vegetable drinks
Salads
Cream or clear soups
Sharp cheeses

Saltines
Creamed foods
Casseroles and toppings
Meat or fish salads
Mild or sharp cheeses



[*Turn to next page*

TUNA ROLL



Special for Lent!
Serve 6 for 93¢

You can serve this delicious dish just 45 minutes after you read these words! It's *that* easy to make! For mild, delicious flavor be sure to use Star-Kist Tuna—either *New Chunk Style* Grated or Fancy Solid Pack. You see, only the smaller, better-tasting, light meat tuna are packed under the Star-Kist label.

TUNA ROLL

2 cups prepared biscuit mix
½ cup milk
1 7-oz. can Star-Kist Fancy Solid Pack (or *New Chunk Style* Grated) Tuna
1 tablespoon chopped parsley
¼ cup chopped sweet pickle
2 teaspoons chopped onion
¼ teaspoon salt

Blend milk with biscuit mix (dough should be soft but not sticky; if too dry, add more milk). Roll out ¼ inch thick. Combine tuna and oil from can with remaining ingredients; spread over dough and roll. Bake on oiled pan in 425° F. oven 30 minutes. Serve with cheese sauce. Serves 6.

FREE TUNA RECIPE BOOK

Economical, kitchen-tested tuna recipes. Colorful, 24-page booklet! Write: Star-Kist Tuna, Terminal Island, Calif., Dept. 33.

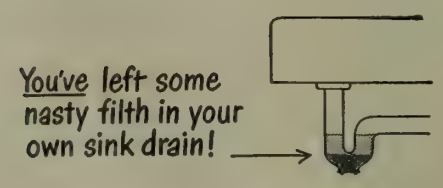
Guaranteed by Good Housekeeping



Solid Pack or *Chunk Style* Grated
...Star-Kist quality is the same!



Stop scolding, lady!



Of course, it's maddening when your child leaves dirt anywhere in your house. But . . .

Is there a spot that you *yourself* have forgotten to clean? Ugly filth hiding in your own *sink drain!*

In this spot (so close to food and dishes) grease collects—filthy grease where sewer germs make their home!

Liquid disinfectants can't get rid of this grease that gathers in your drainpipe! It takes Drāno to *boil out* this muck and the germs that breed there!

Put a tablespoon of Drāno in your drain once a week—every week! Drāno has a special churning, *boiling* action that loosens grease and chases it down your drain. It leaves your drain clean and clear, always fast-running!

P.S. Remember—Drāno also opens clogged drains in a flash!

Drāno®

removes the muck that slows drains and breeds sewer germs



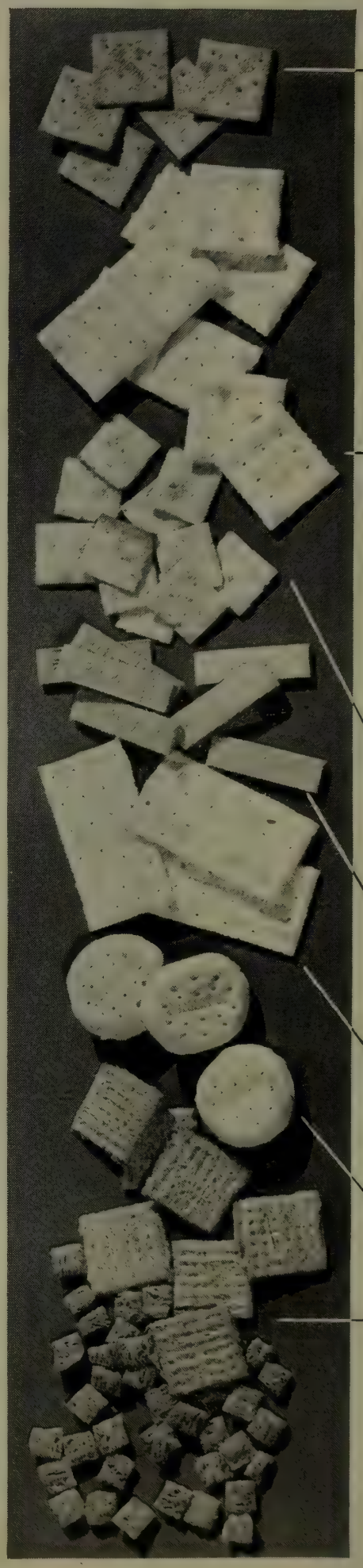
Harmless to septic tanks: Makes them work better—cuts down odors.

TUNE IN: Dorothy Kilgallen, Thursdays. See local paper for time and station.

Copr. 1949, by The Drackett Co.

Know your crackers

Begins on preceding page



Whole-wheat wafers
- Sea-food cocktails
- Fruit cocktails
- Canape spreads
- Fruit or vegetable drinks
- Sparkling beverages
- Milk drinks
- Casseroles
- Salads
- Soups and chowders
- Fruit desserts
- Cracker sandwiches
- Sharp cheeses
- Cream or cottage cheese

Soda crackers
- Sea-food cocktails
- Fruit cocktails
- Canape spreads
- Vegetable juices
- Milk drinks
- Creamed foods
- Casseroles and toppings
- Salads
- Soups and chowders
- Fruit desserts
- Cracker sandwiches
- Cheeses

Soya crackers
- Fruit cocktails
- Vegetable juices
- Fruit or vegetable salads
- Clear soups
- Cream or cottage cheese

Sugar wafers
- Sparkling beverages
- Milk drinks
- Ice cream
- Afternoon tea
- Children's parties

Thin soda wafers
- Canape spreads
- Fruit or vegetable salads
- Chowders
- Mild cheeses

Water biscuits
- Meat or fish salads
- Sharp cheeses

Shredded wheat wafers, bite-size or medium
- Canape spreads
- Vegetable juices
- Sparkling beverages
- Toppings and extenders
- Creamed foods
- Meat or fish salads
- Vegetable salads
- Soups and chowders
- Sharp cheeses
- Rabbit

Spreads to serve on crackers:

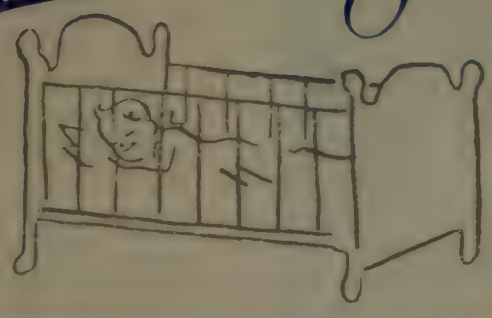
- Cream-Blue Cheese Spread
- Bacon-Camembert Cheese Dip
- Seasoned Liverwurst
- Deviled Ham Spread
- Peanut Butter and Jelly
- Mustard Butter

Number of crackers in 1 cup crumbs:

	Coarsely crumbled	Finely rolled
Rich round crackers	22 to 24	27 to 30
Saltinas or thin sodas	13 to 18	18 to 26
Soda crackers	7 to 8	9 to 12
Graham crackers	8 to 9	10 to 11

NLY SERVEL

• Stays Silent—Lasts Longer



because . . . it has no moving parts in its freezing system



When the baby came we *had* to find a house. And found one—with a big old-fashioned kitchen and a y Friendly neighbors, too. We were mighty happy . . . at



But that noisy old refrigerator was our nightmare! An were the repair bills! We told the folks next door. T advised us, "Get a silent Servel. We've had *ours* 20 yea





Next day we were off to our Gas Company. They plained, "Servel stays silent, lasts longer because it ha moving parts in its freezing system. There's no motor machinery. Just a tiny gas flame does the work." So there's a beautiful silent Servel in *our* kitchen. With e new convenience, it's a joy!

This story is typical. "We bought our Servel in 19 writes Mrs. Charles Fulton of Cranbury, N. J., "and never failed us once."



BEFORE YOU CHOOSE ANY REFRIGERATOR

Get this book FREE

says Mary Margaret McBride
Famous Radio Reporter

Every new refrigerator *looks* beautiful. But how long will it last? Will it grow noisy and run up repair bills? In "Inside Story," radio's famous Mary Margaret McBride tells what makes the difference in refrigerators. Get your free copy at your Gas Company or neighborhood Servel dealer today.

Mary Margaret McBride broadcasts Mondays through Fridays, over WNBC, New York, 1:00 PM EST.



y New Convenience . . . see the new Servels at your Gas pany or dealer. (For farm and country homes, Servel on Bottled Gas—Tank Gas—Kerosene.) Servel is also r of Servel *Ball-type* Water Heater and Servel *All-Year* Conditioner. Servel, Inc., Evansville 20, Indiana. In da, Servel (Canada) Ltd., 548 King St., W., Toronto, Ont.

STAYS SILENT . . . LASTS LONGER

Servel

The GAS Refrigerator



Today, millions of people are enjoying Durkee's Margarine—all colored a tempting yellow and ready to serve at the table. It comes in handy quarter-pound prints—each yellow-colored print as good to look at as it is to taste!

Durkee's is a delightful spread and the finest for all your cooking and baking. It's mild and sweet as a spring morning and always country-fresh. Every pound contains 15,000 units of Vitamin A the year 'round.

Durkee's now on sale *yellow* in these 30 states and the District of Columbia: Alabama • Arizona • Arkansas • Colorado • Florida • Georgia • Idaho • Indiana • Kansas • Kentucky • Louisiana • Maine • Maryland • Massachusetts • Missouri • Mississippi • Nebraska • N. Jersey • N. Mexico • Nevada • No. Carolina • No. Dakota • Oklahoma • Rhode Island • So. Carolina • Tennessee • Texas • Utah • Virginia • W. Virginia.



If YOUR State Laws Prohibit Yellow Margarine...
...you can get Durkee's fine Margarine—without the 10¢ Federal Tax—in either of these two ways:

1. In the easy-coloring package with the color capsule in the bag. (Shown above.)
2. Uncolored, in the money-saving package so familiar to you. (Shown at left.)

Durkee Famous Foods

Chicago, Ill.
Norwalk, Ohio

QUALITY Glidden

Berkeley, Cal.
Elmhurst, L. I., N. Y.

Quick snacks you

By Ida Ruth Younkin

...with hamburger buns



Peanut Butter S'Mores

Cut buns in half. Toast or not—as you please. Spread with crunch-style peanut butter. Top with a spoonful of marshmallow cream. Then toast in broiler till marshmallow is a golden brown. This is a good snack to let your gang fix when the plea is, "Mother, we're hun-gry!"

Photographs: Wesley Bowman



can fix with buns

THERE'S more to be done with a bun than put a hamburger or a hot dog in it.

When you want a hot bread to dress up a meal and don't want to fuss with baking—split, butter, and toast fresh buns. Serve them plain or sprinkle with grated cheese or paprika and keep them piping hot in a napkin-lined breadbasket.

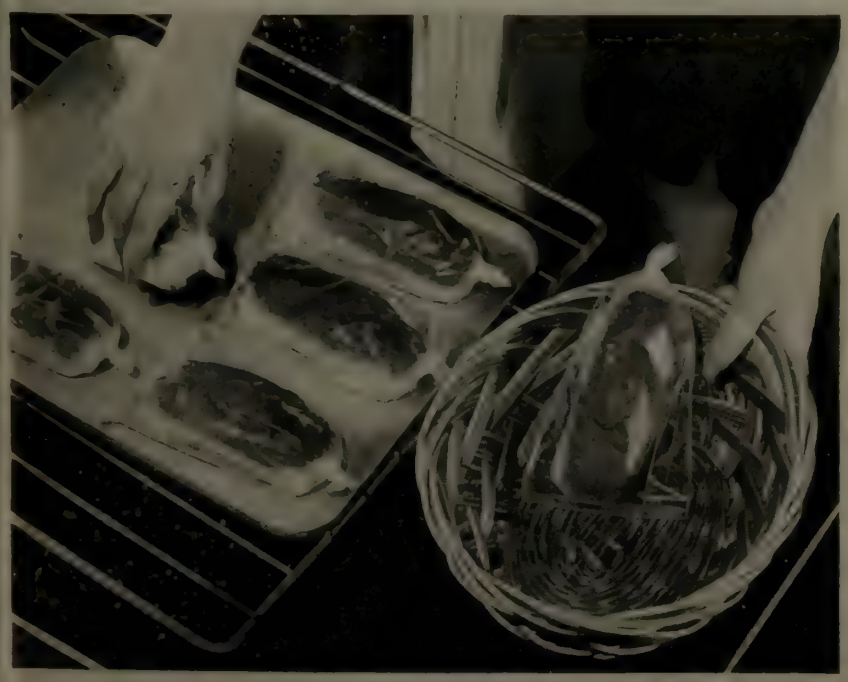
Whether you start with a whole package of buns or want to finish up two or three you have left, there's an idea for you here and on the pages that follow.

...with Coney buns



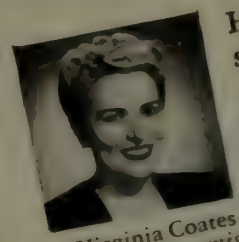
Garlic Loaves

Cut diagonal slashes in bun, 1 inch apart. Spread with Garlic Butter: Mash a garlic clove; mix thoroughly with ½ cup butter or fortified margarine. Wrap each garlic loaf in cellophane bag; twist ends of bag. Place buns on cooky sheet. Heat in moderate oven (375°) 10 minutes. Serve in bags



Turn to page 91

Easy as Pie... and make it apple!



Virginia Coates
Home Economist

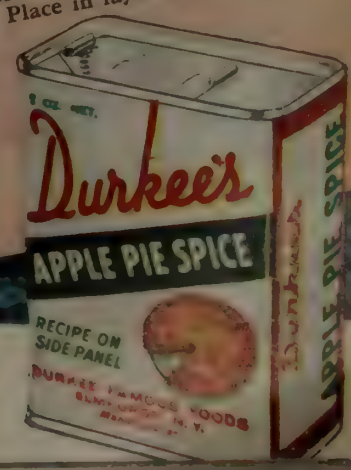
Happy ending for Sunday night supper—a super-duper apple pie! Make the pie crust the simple way—with quick-mix. I've used Pillsbury's and Betty Crocker's Crustquick and they're both excellent.

Here's my own recipe for apple-pie filling. Spice? That's for luscious flavor! Notice the addition of Durkee's Apple Pie guesswork and gives you the same delightful flavor every time. It's a perfect blend of cinnamon and other spices. Ideal for all apple dishes—applesauce, baked apples, apple Brown Betty, apple tapioca, apple cakes, etc.

A New Apple Pie Filling

2 tbsp. breadcrumbs
8 medium apples (approx. 2 lbs.)
⅔ cup sugar
1 tsp. Durkee's Apple Pie Spice
1 tbsp. cornstarch
1½ tbsp. Durkee's Margarine
1 tbsp. lemon juice
3 tbsp. water

Line a 9-inch pie pan with pie crust. Sprinkle bottom with breadcrumbs to prevent fruit from soaking crust. Peel and core apples and slice thinly. Combine sugar, Durkee's Apple Pie Spice and cornstarch and sift over apple slices, stirring with fork until slices are coated. Place in layers in pie shell. Dot with Durkee's Margarine and sprinkle with lemon juice and water. Cover with upper crust and prick with fork in several places. Bake in hot oven (450° F.) 30 minutes. Reduce heat to slow oven (325° F.) and cook 10 minutes.



Send for other unusual recipes to Durkee Famous Foods, Dept. BH3-9, Elmhurst, Long Island, N. Y.

Glidden

there's something about a Flame



it boils best!



it bakes best!



it roasts best!





...and it broils like charcoal!

Gas has captured the hot flame of glowing coals, separated it from its hot bed and applied it, clean and modern, to cooking.

Universal ranges, for city gas and for gas beyond the mains, completely control this natural heat. In *boiling,* Universal top burners give real flexibility, plus instant and accurate control of the flame. In *baking,* Universal's oven is famous for uniformity. *Roasting* is done while the housewife is away . . . on-off by AUTOMATIC clock control.

Yes, there's something about a flame, and when it comes to *broiling,* Universal's Radiant Mesh broiler restores the hotbed and puts in charcoal's double punch—*flame* and *glow.* With this exclusive feature you can now broil at home just as they do in famous restaurants.

"Comfort-Touch" adds *air cooling* to the surface of the range, so that oven and broiler doors may be touched at any time with comfort and safety. No other range—with or without the precious flame—can claim as much. Now on sale at leading utilities and dealers everywhere.

GAS HAS GOT IT...AND

Smart Cooks Know—Universal PROVES IT

GAS RANGE

ONLY Universal OFFERS "COMFORT-TOUCH"

CRIBBEN & SEXTON CO. 600 N. Sacramento Blvd., Chicago 12, Illinoi

Quick snacks with hamburger buns

Begins on page 88

Cheese Bun-nies



Cut a circle out of top of bun with a cooky cutter. Lift out center with fork. Hole should be big enough to hold an egg. Brush top and inside with melted butter. Place on cooky sheet. Slip an egg into each bun. Season. Bake in moderately slow oven (325°) 25 minutes, till egg is firm. Top with slice of cheese. Bake till cheese puffs, about 5 minutes



Bun-steads



Cut bun in 3 slices. Put together with well-seasoned egg salad, a slice of baked or boiled ham, and leaf lettuce. Fasten with toothpicks. Cut in fourths. Serve sandwiches points up and put olives on the ends of the toothpicks. With a tall glass of cold milk—no better Dagwood snack

More on next page





Betty Crocker CHOCOLATE CHIP Chiffon

The world's most delicious . . . most sophisticated cake!

Here is Softasilk's new Chocolate Chip version of "Chiffon"! Light as angel food . . . rich as butter cake . . . plus a chiffon-like quality all its own! No other type cake equals Chiffon for flavor, height, delicacy, texture. Chiffon stays fresh much longer, too, and is quicker to make than ordinary cakes. Softasilk is the only cake flour Betty Crocker recommends for Chiffon. It's milled for cakes and cakes alone . . . gets greater rising action from baking powder and eggs—gives you a higher, lighter cake. Bake this sophisticated Chocolate Chip Chiffon *today*. Elegant in taste, texture and eye appeal!

General Mills

Betty Crocker Chocolate Chip Chiffon Cake

MAKE ONLY WITH SOFTASILK, says Betty Crocker. Don't risk failure with another flour, since proportions might not be right. Sift an ample amount of SOFTASILK Cake Flour onto a square of paper. Grate unsweetened or sweet chocolate on medium or coarse grater. Preheat oven (see pan sizes and temperatures below).

STEP 1.... **Measure** (level measurements) and **sift** together into mixing bowl
- **2¼ cups *sifted* SOFTASILK Cake Flour (spoon lightly into cup, don't pack)**
- **1¾ cups sugar**
- **3 tsp. baking powder**
- **1 tsp. salt**

Make a well and add in order:
- **½ cup cooking (salad) oil such as Wesson or Mazola**
- **5 unbeaten egg yolks (medium-sized)**
- **¾ cup cold water**
- **2 tsp. vanilla**

Beat with spoon until *smooth*.

STEP 2.... **Measure** into large mixing bowl
- **1 cup egg whites (7 or 8)**
- **½ tsp. cream of tartar**

Whip until whites form *very stiff* peaks. They should be much stiffer than for angel food or meringue. DO NOT UNDERBEAT.

STEP 3.... **Pour** egg yolk mixture gradually over whipped egg whites—*gently* folding with rubber scraper *just* until blended! DO NOT STIR!

Sprinkle over top of batter, gently folding in with a few strokes: 3 sq. unsweetened or sweet chocolate (3 oz.), *medium* or *coarsely* grated.

Pour into *ungreased* pan immediately.

Bake in.....
- 10-in. tube, 4-in. deep, 325° 55 min., then increase to 350° 10 to 15 min.
- 9x13x2-in. oblong pan, 350° 45 to 50 min.

. . . or until top springs back when *lightly* touched.

Immediately turn pan upside down, placing tube part over neck of funnel or bottle, or resting edges of oblong pan on 2 other pans. Let hang, free of table, until cold. Loosen from sides and tube with spatula. Turn pan over and hit edge sharply on table to loosen. 16 to 20 servings.

GLOSSY CHOCOLATE ICING. Melt together over hot water 3 sq. unsweetened chocolate (3 oz.), 3 tbsp. shortening. Cool slightly. Beat together until consistency to spread 2 cups *sifted* confectioners' sugar, 5 tbsp. milk, the melted shortening and chocolate, ¼ tsp. salt, 1 tsp. vanilla. For Allegretti trimming, beat until foamy 1 egg white. Gradually beat in about 1 cup sifted confectioners' sugar, then ½ tsp. vanilla. Using teaspoon, drip over top and let run down over sides in uneven lines. Send 15¢ for the "Betty Crocker Chiffon Cake Recipe Book". Address Softasilk, Box 1650, Minneapolis, Minn.



"Softasilk" and "Betty Crocker" are reg. trade marks of General Mills. Copr. 1949.



Here's what makes

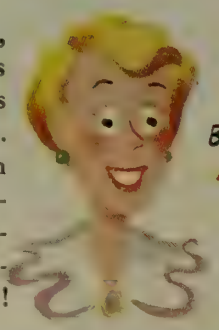
Toll House® Cookies

So Excitingly Different



They're chock-full of delicious morsels of NESTLÉ'S Semi-Sweet Chocolate... that stay WHOLE in baking!

Yes, every bite of crisp, crunchy, golden-brown Toll House Cookies contains delicious *whole* morsels of Nestle's Semi-Sweet Chocolate. That's what makes them so rich and good—so deliciously different—so tantalizingly tasty. Wonderful for dessert, for between-meal snacks, and a real party treat!



EASY TO MAKE

BAKE IN 12 MINUTES

AMERICA'S FAVORITE!

® Lamont, Corliss & Co.

Make QUICK FUDGE, too

It's *so* easy to make smooth and delicious Fudge by following simple recipe on back of package. No beating!

At Your Grocer's

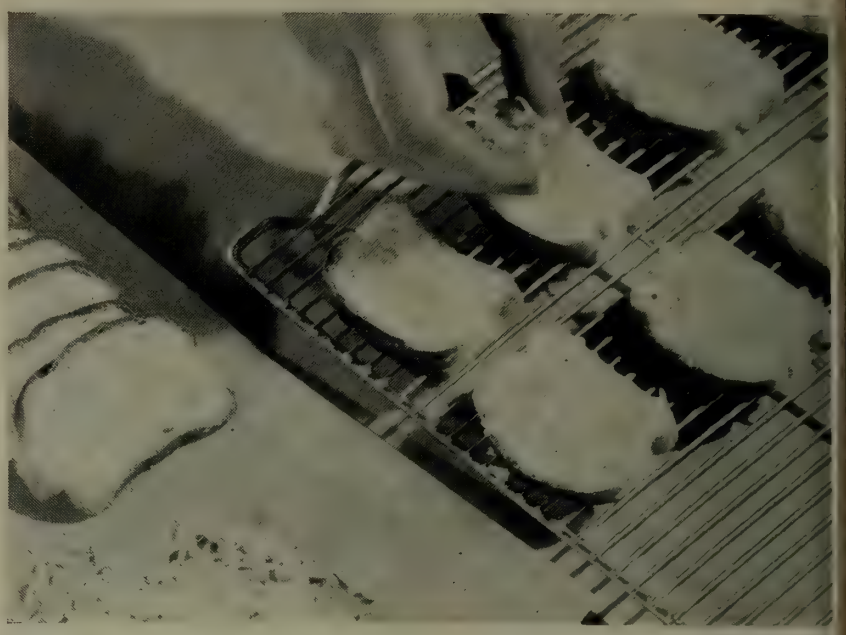


RECIPES for Toll House Cookies and Quick Fudge on back of package.

Quick snacks with Coney buns

Continued from preceding page

Cheese Melbas



Cut Coney bun into thin slices. Arrange on rack or cooky sheet. Toast bread on one side in broiler, turn, and sprinkle with grated cheese. Toast till cheese melts. Serve with salad, with hot soup, or for an afternoon snack. Or toast slices spread with butter, cinnamon, sugar



Salad Boats



Cut out center of bun, leaving a thin wall. Use a fork to remove center Hole makes a bowl to hold a hearty salad. Picture of it filled, page 9

More on page 9

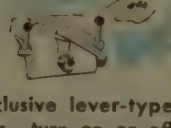
Dream Kitchen?... No Ma'am!



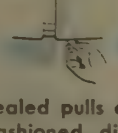
It's an American Kitchen

YOURS FOR ONLY A FEW DOLLARS DOWN!

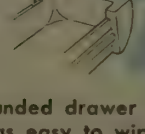
You'll say it's a miracle—how inexpensively you can combine beautiful styled-in-steel American Kitchens units—in any arrangement you wish—and really own the kitchen of your dreams. And it *is* a miracle—of mass production . . . a miracle that brings you the world's most desirable kitchen at the price of many old-fashioned *wood* cabinets! So easy to buy on monthly pin-money payments! *See them today!* Or send 25 cents for 2 color booklets on smart new kitchen treatments. Address American Kitchens, Dept. BH-3, Connersville, Ind.



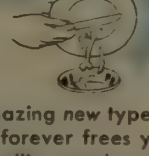
Exclusive lever-type faucets—turn on or off with flick of finger!



Concealed pulls eliminate old-fashioned, dirt-catching handles!



Rounded drawer interiors—as easy to wipe clean as a bowl!



Amazing new type disposer forever frees you from handling garbage!

***For Name of Your Local Dealer, Call Western Union by Number. Ask for Operator 25.**

FREE!

See your dealer* today for custom-designed kitchen plans—made to your own kitchen's exact measurements! No cost, no obligation.



Start with Sink and Disposer

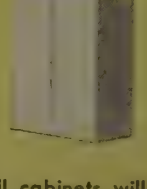
Your choice of 4 sink sizes—all with roomy storage compartments, push-button spray, aerator, divided cutlery drawer, cutting board and hidden cleanser rack!

Add Base Cabinets



Add base cabinets and Serv-Cart (under counter above) at your convenience—for a continuous, water-tight work surface plus storage space galore!

Then Wall Cabinets



Beautiful wall cabinets will *complete* your dream kitchen—give you a magic work center your friends will envy—without upsetting your budget!

Or Have Your New American Kitchen Installed *Complete* At One Time—and Pay for It As You Enjoy It!

American KITCHENS
STYLED IN STEEL

AMERICAN CENTRAL DIVISION AVCO MANUFACTURING CORPORATION
Connersville, Ind.





He'll like it even better with

THE ONE AND ONLY

Miracle Whip



CRANBERRY CROWN PLATTER

You really won't know how good this salad can taste unless you try it with *Miracle Whip*. For Miracle Whip has a lively, "different" flavor you get in it alone. A unique *type* of salad dressing, combining the qualities of zesty boiled dressing and fine mayonnaise, it's truly *the one and only*.

1 tbsp. gelatin	¾ lb. cranberries, ground
¼ cup cold water	Lettuce
1¾ cups hot water or fruit juice	Sliced pineapple
	Cooked chicken

Miracle Whip Salad Dressing

Soften gelatin in cold water. Dissolve in hot liquid. Cool. When it begins to thicken, fold in cranberries. Pour into 6½" ring mold; chill until firm. Arrange 5 nests of lettuce in circle in center of chop plate; place pineapple slice in each. Unmold gelatin so half of each pineapple slice forms a border around mold. Surround with cold sliced chicken. Fill center of mold with tiny lettuce cups and Miracle Whip.



America's favorite! Miracle Whip out-sells the next 20 salad dressings combined!

Quick snacks with Coney buns

Continued from page 92

Salad Boats (*Continued*)



Line bun with cool, crisp leaf lettuce; fill with chicken, meat, or tun salad. Garnish with egg slices. Bun tops can be used for bread crumb

Meal in a Bun



Cut thin slice off top of Coney bun. Hollow out center. Line with le lettuce, fill with cool kidney bean salad. Replace top slice. Eat li a sandwich. This makes a big lunch with a cup of coffee or a glass milk. Wrapped in cellophane, salad buns are good travelers to picn



Coolerator Flavor-Saver ELECTRIC RANGE





Opens the way

to the newest in Automatic Electric Cookery!

Like magic—getting meals with the Coolerator Flavor-Saver Electric Range. So fast, so clean, so thrifty—and automatic too!

Smartly styled in gleaming white porcelain, with sparkling chrome handles and fluorescent lighting—it's a beauty in your kitchen. America's newest electric range is a marvel of engineered convenience. In addition to the magic Well-E-Vator, there's more than a score of other Coolerator features to save you time and money. Your kitchen will be cooler—foods tastier—and you'll be happier with a Coolerator. See it today at your nearby Coolerator dealer.



Simply set the dial for "how long" you want your foods to cook, the heat speed desired, and when you want to serve—the meal will be ready when you return.

Coolerator

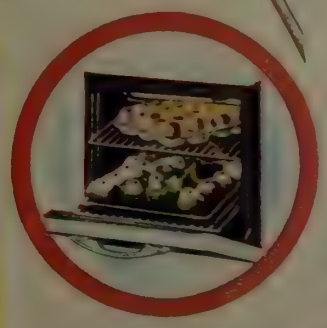
With the Magic 7-Heat

WELL-E-VATOR



—it's a giant extra surface unit

—a deepwell cooker which browns, braises meats—deep fries—and performs a host of cooking jobs.



King-Size oven is ready to bake in a jiffy. Self-aligning Flavor-Saver Seal keeps full natural taste and goodness in the food. Bakes and roasts to perfection—big enough for any need.



COOLERATOR FLAVOR-SAVER REFRIGERATORS

Are a marvel of roomy convenience with space galore to freeze and store. They give you all the kinds of cold you'll ever need to keep each type of food at its natural best.

COOLERATOR "FAMILY-SIZE" FREEZER



Save 30% on your food bills by buying in quantity at lowest wholesale prices. Freeze fruit and vegetables right out of your garden—enjoy June menus in January. It doesn't *cost*—it *pays* to own a Coolerator "Family-Size" Freezer.

THE COOLERATOR COMPANY DULUTH, MINNESOTA



Tempting main dish, these fragrant corn pancakes 'n' ham! Pancakes light, tender... puffy with kernels of golden corn. Wonderful eating with ham and milk gravy, or creamed chicken. Hearty. Thrifty, too . . . s-t-r-e-t-c-h-e-s a pound of meat to serve 6 or 7.

Corn Pancakes: So easy! First mix eggs and milk with Bisquick, following jiffy directions on the box.

Add .... 1 cup cream-style or drained whole kernel corn
½ tsp. paprika

Bake. Serve with ham and milk gravy, creamed chicken or dried beef. Or with syrup.

Ham with Milk Gravy

To ..... 2 cups medium white sauce
Add .... 1½ to 2 cups diced cooked ham
1 tbsp. chopped parsley

Season to taste.

I know you'll be pleased with your Bisquick pancakes! Bisquick gives you quality ingredients, proportioned and blended just right. That's why everything you make with Bisquick tastes so good! Hot rolls, biscuits, waffles, cobblers, etc. Directions for 12 basic bakings on the package. Tested by our food staff at General Mills. Do try Bisquick!

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Betty Crocker's pie crust in a package! Crustquick. New pie crust mix. Just add water for crisp, flaky, tender pie crust .. pie crust like Betty Crocker's! For apple, lemon, *every* kind of pie. Crustquick is made with Gold Medal Enriched Flour, salt and pure shortening. Do try Crustquick!

These gadgets make

By Mary E. Carrick

A GADGET to be worth its salt in the kitchen should make your work easier, do it faster, or make the results more beautiful. These gadgets are to make your cakes, cookies, desserts, and salads glamorous. See the smart tricks they will do for you.



Three-way cake pan is a spring form pan. Bottom is removable. Ring can be released so party desserts like that in picture come out perfectly. You can make a 10-inch cake or coffeecake. Or with tube insert which comes with pan you can make angel cake

Photographs: Wesley Bowma



Colorful plastic cutter There's a turkey (red chicken (yellow), hea (red), and tulip (turquoise Use cutters for cookie dainty sandwiches, jellie cranberry-sauce slices, an for pastry cutouts for pie

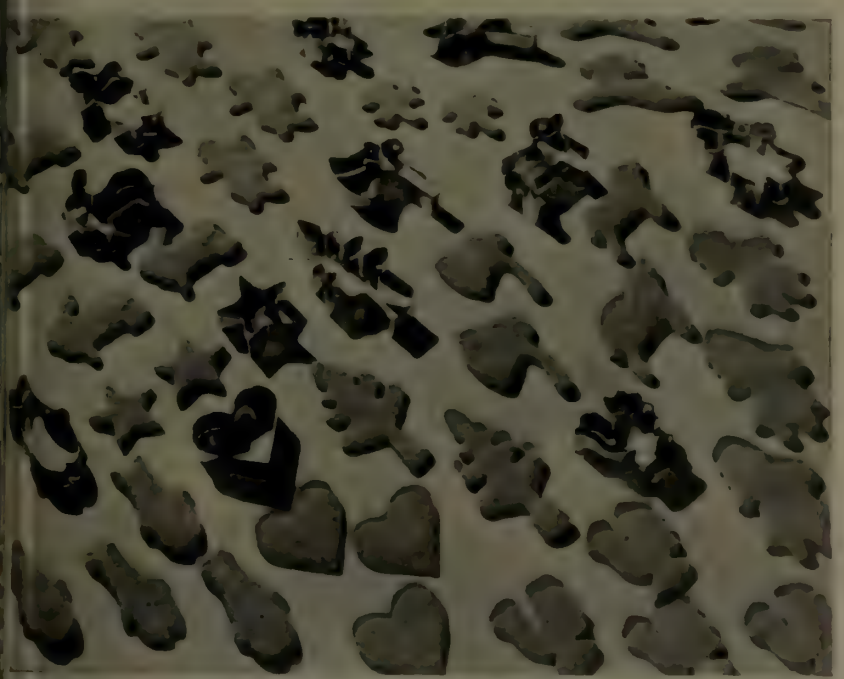


Frosting set comes complete with aluminum frosting container, six points, and a 48-page booklet of decorating ideas and directions. Write a greeting—make a flower—whether you're frosting a cupcake or a cake for a bride, you're all set to make it beautiful

food beautiful



Copper fish mold makes this handsome sea-food salad special fare for an informal luncheon. Hang mold on your kitchen wall for decoration



Smart cookies. Set has 12 aluminum cooky cutters to see you through a whole year of holidays. Use them for party sandwiches and cakes, too



French salad and dessert mold is handmade. French molds are prized especially because two are seldom alike. Use this one for salad, for gelatine desserts, or for ice cream. There's a heart pattern around base. Mold shown holds 1 quart

Where to get it, page 264

2 pounds of fresh-picked peas in every can



That's a lot of garden-fresh peas for your money.

But that's not the half of it. Green Giant Brand peas are grown from special seed and are "picked and packed at the fleeting moment of perfect flavor," when they're at their sweet and tender best. We call it "flavor farming."

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Green Giant BRAND Peas



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LAKELAND, FLORIDA



FLORIDA ORANGE JUICE

FRESH OR CANNED

Fish dinners



Tuna Salad is husky chunks of tuna, celery, and wedges of hard-cooked eg Garnish with parsley or water cress. Let folks help themselves to mayonna



Sunday Supper Sandwiches are broiled until the cheese melts. There are tu onion, pickle, and mayonnaise under the cheese, a crisscross of pimiento on



Salmon Bake, piping hot from the oven, is cut into tender, moist squares. put egg slices on the last 10 minutes of baking. Serve with peas in cream sc

Begins on page 66



Tuna Salad Mousse can be molded in individual salads, or if you have a fish mold use it—makes a fine showing on the platter. Tuna Mousse has sliced stuffed olives, pickles, celery, minced onion, mayonnaise, and gelatine in it

Broiled Fillets

1 pound fish fillets
Salt and pepper
2 teaspoons soy sauce
2 tablespoons salad oil
2 tablespoons lemon juice
2 tablespoons minced parsley

Cut fillets into serving pieces; salt and pepper. Combine soy sauce and oil. Arrange fish on oiled broiler rack. Broil until golden brown, about 8 minutes. Baste frequently with soy mixture. Turn. Broil about 5 minutes. Place on warm platter. Heat remaining oil and soy sauce with fish drippings; add lemon juice and parsley; pour over fish. Garnish with water cress. Serve with **Lemon Tartare Cups:** Cut each lemon lengthwise; remove pulp. Fill with tartare sauce. Garnish with chopped parsley.

Simple Simon Tuna Pie

1 7-ounce can flaked tuna fish
¼ cup finely chopped onion
2 hard-cooked eggs, chopped
1 10½- or 11-ounce can condensed mushroom soup
1 teaspoon Worcestershire sauce
½ teaspoon salt
⅛ teaspoon pepper
1 6-ounce package (2 cups) noodles, cooked
¼ cup grated American cheese

Arrange border of cooked noodles in greased 8-inch square baking dish—center with fish. Sprinkle fish with onion and eggs. Blend soup, Worcestershire sauce, salt, and pepper. Pour over fish. Sprinkle cheese over casserole. Bake in moderately hot oven (350°) 30 minutes. Serves 4 to 6.

Tuna Salad Platter

2 6½- or 7-ounce cans tuna fish
4 hard-cooked eggs, quartered
1½ cups celery chunks

Arrange tuna, eggs, and celery in salad bowl—see facing page. Garnish with water cress. Serve with mayonnaise. Serves 4 to 6.

Gloucester Codfish Balls

3 cups diced raw potatoes
1½ cups freshened shredded salt codfish
2 tablespoons butter or fortified margarine
¼ teaspoon pepper
1 beaten egg

Freshen codfish by soaking in water several hours or overnight. Cook potatoes and codfish in boiling water until potatoes are tender; drain. Mash and add remaining ingredients; beat thoroughly. Drop from tablespoon into shallow fat, hot enough to brown bread cubes in 40 seconds; fry until golden brown. Drain on absorbent paper. Makes 1 dozen fish balls. Note: If canned codfish is used—reduce potatoes to 1½ cups and increase codfish to 3 cups.

Halibut Bake

8 thin slices salt pork (½ pound)
1 small onion, sliced
1 bay leaf
3 or 4 halibut steaks (2 pounds)
2 tablespoons lemon juice
3 tablespoons butter or fortified margarine
3 tablespoons enriched flour
¾ cup finely crushed cracker crumbs
1 tablespoon paprika

Cut half the salt pork in small pieces; arrange in baking pan. Cover with onion slices. Place a bit of bay leaf on each onion slice. Place halibut steaks over pork and onion. Sprinkle lemon juice over fish. Blend butter and flour; sprinkle over fish. Top with cracker crumbs; sprinkle with paprika. Lay thin strips of salt pork over the top. Bake in moderate oven (375°) 40 minutes. Serve with lemon wedges and water cress. Serves 4.

Baked Whole Fish

Salt a 3- to 4-pound white fish, pike, halibut, perch, or trout inside and out. Stuff with 4 cups bread cubes combined with 2 tablespoons chopped onion, ½ cup chopped celery, 1 teaspoon

Caloric's Flexible Heat

SPEEDS COOKING
SAVES GAS
HOLDS FLAVOR



JANE WATKINS, one of America's foremost Home Service Directors, regards "Flexible Heat" as one of the outstanding advantages of Caloric Gas Ranges. The range shown here is the divided top, elevated broiler Ultramatic Caloric—one of many models.

Guaranteed by Good Housekeeping

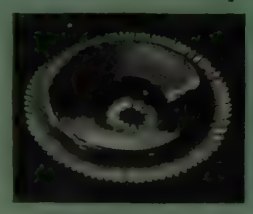
Good cooks everywhere, as well as home economists, know that for perfect cooking you must have perfect heat control. And that is what you get with Ultramatic Caloric's "Flexible Heat."

You can "tune in" any degree of temperature from "keep warm" to "sizzling hot". Caloric's "Flexible Heat" also saves gas, speeds cooking, and is ideal for pressure cooking.

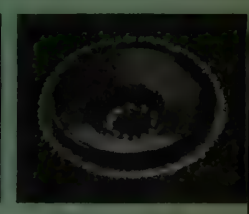
Caloric is America's easiest range to keep clean. Porcelain enamel finish inside and out, One-Piece Porcelain Top and Veri-Clean Removable Broiler are a few of many easy-clean features.

For list of local dealers see "Caloric" in classified 'phone book —or write *Caloric Stove Corp., 1204 Widener Bldg., Phila. 7, Pa.*

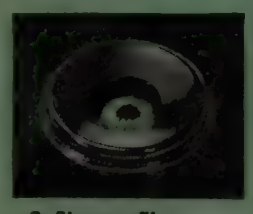
Flavor-Saver Dual Burners Give Quick, Flexible Heat



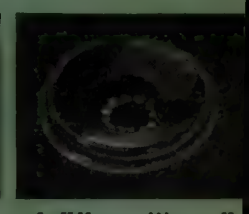
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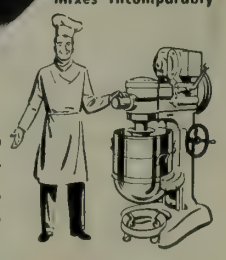
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Five fish dinners and how to cook them

Continued from preceding page

salt, pepper, ¼ cup melted fat, hot water to moisten. To close opening, insert toothpicks; lace with string. Put fish in shallow baking pan, tail and fins waxed-paper-wrapped. Brush with fat or top with bacon slices. Bake in hot oven (400°) 40 to 50 minutes.

Sunday Supper Sandwiches

Combine 1 7-ounce can tuna fish, flaked, 2 tablespoons chopped onion, 2 tablespoons chopped pickle, and 2 tablespoons mayonnaise. Split 6 buns and spread with tuna mixture. Top with grated American cheese. Broil 3 minutes, or until cheese melts. Top with an X of pimiento. Serve immediately. Makes 6 sandwiches.

Salmon Bake

- 1 16-ounce can salmon
- 1 cup milk, scalded
- 2 slightly beaten eggs
- 1 tablespoon melted butter or fortified margarine
- ¼ teaspoon salt
- ⅛ teaspoon paprika
- 1 teaspoon onion juice or grated onion
- 1 teaspoon Worcestershire sauce
- 1 hard-cooked egg, sliced

Remove bones and skin from salmon. Break into bite-size pieces. Slowly stir milk into eggs. Add butter or fortified margarine, seasonings, onion, Worcestershire sauce. Combine with salmon. Mix lightly. Pour into greased 6- by 10-inch baking dish. Bake in pan—1 inch of water surrounding—in moderate oven (350°) until inserted knife comes out clean, about 40 minutes. Top with egg slices after 30 minutes of baking. Serve with lemon slices. Serves 6.

Tuna Salad Mousse

- 1 tablespoon (1 envelope) unflavored gelatine
- ¼ cup cold water
- ¾ cup hot water
- ¼ cup vinegar
- 1 7-ounce can tuna fish, flaked
- 1 cup chopped celery
- 2 hard-cooked eggs, chopped
- 8 stuffed olives, sliced
- 2 sweet pickles, chopped
- 1 tablespoon minced onion
- ¼ teaspoon salt
- Pepper
- ½ cup mayonnaise

Soften gelatine in cold water; dissolve in hot water. Add vinegar and chill until partially set. Add remaining ingredients. Chill in oiled 1-quart salad mold or in big fish mold, (see photograph, page 99) until firm. Unmold on endive or crisp lettuce; garnish with radish roses. Pass additional mayonnaise. Serves 6.

Tartare Sauce

- 1 cup mayonnaise
- 1 teaspoon grated onion
- 1 tablespoon minced dill pickle
- 1 teaspoon minced parsley
- 1 tablespoon chopped pimiento

Combine ingredients. Serve in individual sea shells or pass with fish. Top with slivers of pimiento and green pepper. Makes 1 cup.

[*Turn to page 102*



To clean and deodorize freezers and refrigerators—sprinkle Baking Soda on a damp cloth and wipe inside surfaces. Wipe again with hot water and dry.

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BOTH PURE BICARBONATE OF SODA



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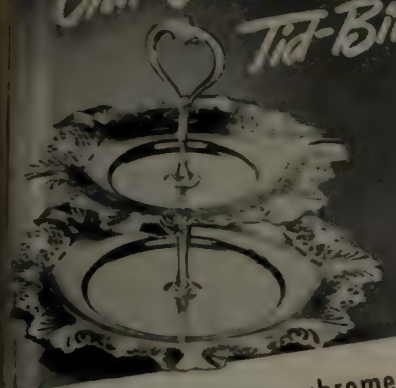
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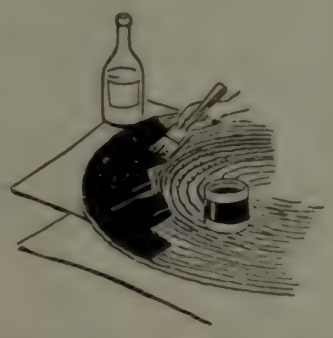
Keep your rugs from sliding

Antiskid pads, powders, and liquids make rugs sit still

By Louisa M. Comstock

EVERY rug which skids underfoot, turns up its corners, or buckles ahead of your vacuum cleaner is a daily annoyance—and may be a threat to life and limb. But it is possible to have scatter rugs and safety, too. Today there are rug pads, antislip powders, and rubber composition liquids to make rugs hold still. Here are suggestions on what to use for each kind of rug.

Shag, hooked, rag rugs can be skidproofed with liquid or paste rubber-composition backings or with antislip powder.



Apply a thin coat of the composition on the back of your rug with a small brush, a hand spray gun, or your vacuum-cleaner spray attachment. Overnight the composition will dry to a pliable coating which will hold your rug flat, lengthen its life by securing its loops, and cling to the floor without marking it. Most rubber or rubber-composition backings last through several cleanings. One pint of backing will skidproof one 6x9-foot rug or five 2x3-foot rugs.

Or use powder. In this case, remove the rug, sprinkle powder on the floor under it, and replace the rug carefully to avoid blowing powder around. After the powder has been under the rug for a few days it works into the fibers. Then, even if the floor is cleaned under it, the powder retains its nonslip qualities. More powder can be applied when it's needed. One two-ounce can has enough powder for 10 to 12 scatter rugs.

Bunching rugs which tend to rise in crosswise ridges may need new sizing. Your rug cleaner will



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SUN-MAID RAISIN PIE

Raisin Pie

Combine 2¾ cups water, 1 box Sun-Maid Raisins (Seedless Nectars or Seedless), 1 stick cinnamon, 2 tsp. lemon juice, ¼ cup molasses, 2 tsp. Heinz Cider Vinegar, ¼ tsp. salt, ⅛ tsp. cloves. Simmer 15 min. Remove cinnamon stick. Combine 6 Tbs. sugar and 2½ Tbs. cornstarch. Add gradually to raisin mixture, stirring constantly. Cook until thick. Pour into pastry-lined pie pan. Place pastry strips over top, lattice fashion. Bake in very hot oven (450° F.) 25 min.

●● For dozens of other delicious recipes, write to Sun-Maid Raisin Growers of California, Dept. BH-18, Fresno, California, for *free*, 32-page recipe book.



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2 tbsp. minced onion
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1 egg; ¼ teasp. pepper
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Keep your rugs from sliding

Begins on preceding page

do it for you for around $1 for a 6x9-foot rug.

To make a ridging rug firm and flat without tampering with the rug itself, look into slipproof underlays. Least expensive are treated paper sheets you trim to small-rug size or lay side by side to go under larger rugs. A sheet 24x48 inches costs 50 cents.

You can get antiskid padding in rubberized fiber at around $1 per running yard; in moisture-, dust-, and mothproof rubber or composition rubber at about $1.50. Widths vary—according to the brand—from 24 to 54 inches.

Curling edges can be held down with carpet tacks. Or try grandmother's remedy—a row of Mason



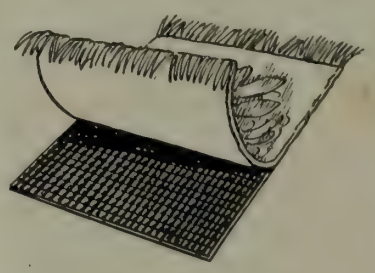
jar rings sewed to the rug back. Or try a strip of rubber padding along the edge.

Often, however, a curling edge needs rebinding. You can do it yourself with one of the stitch-on or iron-on rug bindings carried at department-store notion counters. Most rug dealers and cleaners will do a professional job for you at around $1 per yard for hand binding and 50 cents a yard for serging (thread binding, machine-stitched).

Traveling rugs, like long runners that work out of place, can be carpet-tacked down. Two tacks at each end and one tack in each edge halfway between the ends should be enough.

Small strips of double-edged adhesive tape, gummed on both sides, will tape the ends and sides of a traveling rug to the floor.

Or treat a wandering rug with one of the non-skid paddings mentioned above, or with a regular rug cushion. Rug cushions are



deeper than non-skid pads, and are designed to reduce wear and lengthen life of the rug. Because of their resilience, however, they help a rug stay put.

Where to buy it. Most antiskid paddings and cushions are sold at carpet and rug stores or department-store rug departments. Antiskid liquids, pastes, powders, and tapes come from housewares or from notion counters or from hardware stores. Inquire at your local stores about other sources of antiskid rug products

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Choice cheese dishes

Begins on page 64

Macaroni and Cheese

1 7-ounce package macaroni, broken
1 tablespoon minced onion
3 tablespoons butter or fortified margarine
3 tablespoons enriched flour
¾ teaspoon salt
Dash of pepper
Dash of dry mustard
2 cups milk
½ pound grated American cheese
1 cup fine dry bread crumbs, buttered

Cook macaroni in boiling, salted water until tender; drain and rinse. Cook onion in butter until golden. Stir in flour and seasoning. Gradually add milk; cook over low heat until smooth and thick, stirring constantly. Add two-thirds of the cheese; stir until melted. Pour over macaroni in greased 8-inch square baking dish. Sprinkle with remaining cheese and buttered crumbs. Bake in hot oven (400°) 20 minutes. Serves 6.

Cheese Sauce

2 tablespoons butter or fortified margarine
2 tablespoons enriched flour
1 cup milk
¼ teaspoon salt
½ pound package mild spreading cheese, sliced

Melt butter; add flour and blend. Add milk and cook over low heat until thick, stirring constantly. Add salt and cheese. Stir until melted. Serve hot over cooked asparagus.

Five fish dinners and how to cook them

Continued from page 100

Deep Sea Sauce

Melt 1 tablespoon butter or fortified margarine, add 1 tablespoon flour; brown lightly. Add 3 tablespoons water, 1 teaspoon vinegar, 2 tablespoons chili sauce, 1 tablespoon chopped pimiento, ⅛ teaspoon celery seed, ½ teaspoon onion. Cook until thick. Add 3 tablespoons mayonnaise.

Chili Butter

¼ cup chili sauce
3 tablespoons butter or fortified margarine
1 teaspoon lemon juice

Heat chili sauce and butter in saucepan over low heat. Add lemon juice and blend. Serve hot with poached, baked, or broiled fish. Makes about ½ cup sauce.

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Florence 2-oven convenience gives you more free time . . . thousands of women say it "cuts cooking time in half". You can get whole meals ready at once . . . just put your meats in the Broilercue . . . your cakes, pies, hot breads and casseroles in the oven . . . and take them all out at the same time! You'd never imagine cooking could be so quick and easy . . . results so surely delicious. Once you try a Florence you'll say no other range will do!





"It's Easier to Keep Clean," Says St. Louis Housewife

"Everything about a Florence Registered Gas Range is easy to clean!" says Mrs. Albert Wilkens, St. Louis, Mo. "Even spill-overs can't harm its bright-as-new look!" Yes, Florence porcelain enamel finish *inside* and *outside* wipes clean with a swish of a damp cloth.



"Best Cakes I Ever Baked!" Says Long Island Housewife

Mrs. A. C. Lochrey of Floral Park, Long Island, famous for her cakes, gives full credit to her Florence Registered Gas Range. "It's the perfect oven temperature control", says Mrs. Lochrey. "I never worry about my cakes or biscuits after I put them in my Florence Range."



Free Book Reveals Time-Saving Secrets

Send this coupon *today*. Free book tells all about this amazing new Florence range . . . gives time-saving menus, cooking hints.

Florence Stove Company
Dept. B-4, Gardner, Mass.

Please send me a free copy of "Short Cuts to Better Meals."

Name_____

Address_____

City_____ State_____

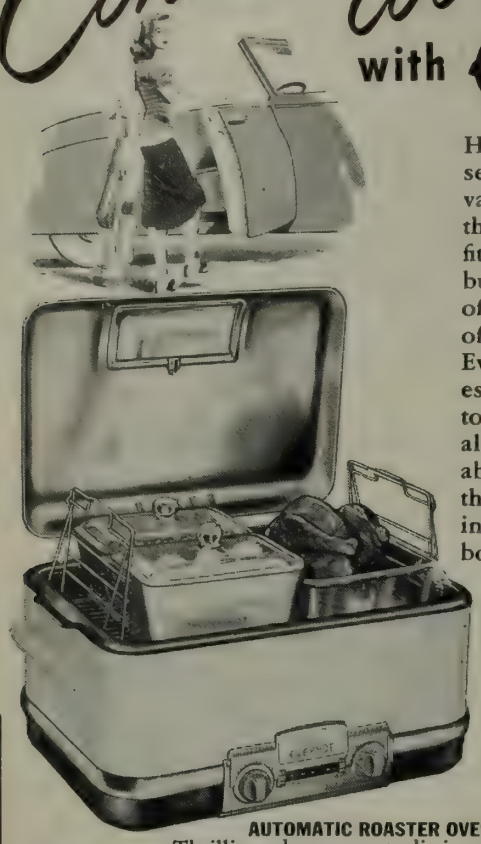
Guaranteed by Good Housekeeping — If not as advertised therein, replacement or refund of money

GAS RANGES • LP-GAS RANGES • ELECTRIC RANGES
OIL RANGES • DUAL-OVEN Combination RANGES
OIL-BURNING HEATERS

FLORENCE STOVE COMPANY—Factories: Gardner, Mass.; Kankakee, Ill.; Lewisburg, Tenn. Offices: New York, Chicago, Atlanta, Dallas © F.S.C.

Florence® REGISTERED GAS RANGES

Convenient cooking with EVERHOT



Have more time for fun, recreation, self-care or just rest. Serve more varied, more flavory meals. Choose the Everhot cooking appliance that fits your family, your home or your budget and enjoy a bigger measure of free time—out of the kitchen, out of the house.

Everhot cooking appliances are especially designed and constructed to make all cooking operations, in all places, easy, efficient and dependable. Exclusive Everhot features are the result of years of specialization in electric cooking equipment for both domestic and commercial use. Ask your appliance dealer to show them to you or write for detailed data.

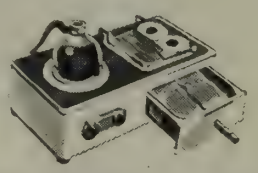
AUTOMATIC ROASTER OVEN—Thrilling advancements distinguish the fully automatic Everhot Roaster Oven. You raise or lower the cover by turning a knob—no reaching over steaming contents. Adjustable rack elevates contents for easy serving. Automatic steam escape vent assures perfect browning. These and other unique conveniences give unmatched value and performance. Cooks for ten persons.



CASSEROLE ROASTERETTE—A stylish casserole that is also a small roaster and a deep well cooker. Take it to the table. Take it on picnics—keeps food hot for hours—capacity 3¼ quarts or 6 pounds.



AUTOMATIC ROASTERETTE—Fully automatic cooking. Roast, bake, stew, boil, deep well cooking at its best. Removable inset pan holds 5 qts. or 9 lbs.



EVERHOT RANGETTE—Cooks a full range-style meal wherever there is 2½ square feet of space. Place it on any table. Plug it into any wall outlet. Fast frying, broiling, boiling, toasting. Beautifully finished. Easily kept clean.



TIMER CLOCK — Automatically turns current on and off. For any appliance using up to 1650 watts—roasters, heaters, coffee makers, radios, lamps.

Convenient comfort

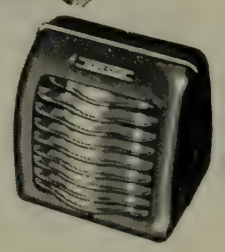


After the winter fires are out there are plenty of times when an Everhot electric heater is the most certain way to get the quick warmth so urgently needed to protect health and provide comfort. Economical, efficient, safe and dependable, Everhot heaters give you abundant heat when and where it is wanted. See them—try them at your appliance dealer's or write.



RAYVECTOR—The portable fireplace radiating good cheer as well as comfort. Either circulating or radiant heat at the touch of a lever.

FAN AND HEATER—Double value. Quick warmth on cold spring days, or cooling breezes for summer heat. A beautiful, durable, compact appliance. Rich hammered finish. Polished louvres. Retractable handle.





AUTOMATIC ELECTRIC BLANKET Just set the Everhot Comfortrol and be assured of the degree of comfort you desire, regardless of room temperature. 2 sizes. 75% wool, 25% cotton. Underwriters approved. Plastic case for storage or travel included. Rose or blue.



AIR FLOW—A flood of warmed air driven by a 4-blade fan quickly warms and circulates the air in an average room. Quiet. Safe—no sharp corners or points. Distinctive styling. Compact. Weighs less than 5½ lbs.

THE SWARTZBAUGH MFG. COMPANY

ESTABLISHED IN 1884

TOLEDO 6, OHIO

ALL EVERHOT APPLIANCES OPERATE FROM ANY WALL OUTLET



"We're looking for a place in the country where we can raise our own fruits, vegetables, eggs, meat, and prices."

Fit your lot to your needs

Begins on page 58

utilities, such as water, electricity, gas, or sewers. These may cost large sums of money if you have to put them in yourself.

What kind of land appeals to you? Do you like it flat, rolling, wooded, by a stream, or in a valley? In making this decision, keep in mind that a house site has two costs. One is the price you pay for the land. The other is the amount you pay to put that land in condition for your home.

Farm land is likely to be low in first cost, but the installation of utilities may make the second cost high. Desirable hilltops and shore property probably will be high in first cost, as are districts composed of large estates. Rocky, picturesque land may need grading and many loads of topsoil before it can be used for lawn and gardens. Land costs should range from 11 to 18 percent of the total cost of the house and lot. Corner lots usually cost more than inside lots.

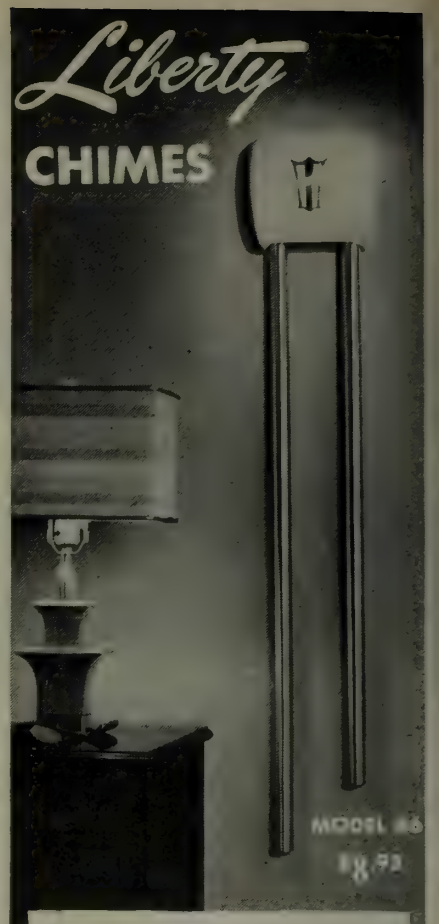
Immediate surroundings

In choosing a neighborhood it is wise to select one where the people live on a scale similar to your own. Notice whether neighboring houses and lots are smaller or larger than the one you plan. A house in keeping with nearby homes is likely to bring a better price. Beware nearby dilapidated houses, shoddy developments, filling stations, or factories. Sniff the air, then make a wide tour of the area to make sure you are not near a packing house or other sources of odor or noise. Also notice what sort of view the lot provides, whether expansive or limited. Notice whether it's on a heavily traveled street, or whether it's on an unimproved road.

The individual lot

Choose the proper side of the street to give your house and lawn the full benefit of the sun. Any large, or square corner lot can be successfully developed. But among rectangular lots, one with the long side running north and south will get the most sun.

In selecting an inside lot, the



Beautifully styled, sensibly priced, Liberty Chimes add a tuneful note of easy charm to your home. Their deep, warm tones call you to the door gently, pleasantly. Nine decorator designs in four- and two-note chimes, from $3.50 to $19.95.

FREE BOOKLET ON REQUEST

THE LIBERTY BELL MFG. CO.

MINERVA, OHIO



Save time, trouble and expense with a Cutler-Hammer Multi-Breaker

Why tolerate the blown fuse nuisance any longer? Why hunt fuses in the dark . . . or break off in the midst of preparing a meal to go to the store for the new fuses you forgot to buy? Why stumble down dark cellar stairs and fumble in the old fuse-box wondering what to do? The Cutler-Hammer Multi-Breaker ends this annoyance forever. It is installed in the kitchen or any other convenient place. And when service goes off, all you do is reset a tiny lever that has snapped out of position. Nothing to buy . . . nothing to replace! Service is restored in the twinkling of an eye . . . even by a child! The average new home can have this modern and safe protection for less than $5.00 additional. Also easily installed in old homes. How much will it cost *you?* What are *all* the facts? Write today for our free booklet "Goodbye to Fuses." CUTLER-HAMMER, Inc., *Pioneer Electrical Manufacturers*, 1396 St. Paul Ave., Milwaukee, Wis.



FREE BOOKLET—Tells facts about new, better home electrical protection. Write TODAY for your copy.



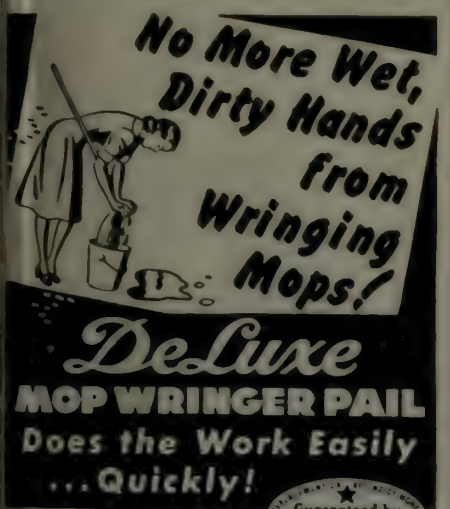
She always used Sani-Flush . . . never scrubbed toilet bowls by hand. And believe me, *I* won't scrub 'em, either! Don't have to because Sani-Flush is made *just* for cleaning toilet bowls. Cleans away ugly stains and invisible, germy film in a hurry. No rub or scrub. Disinfects.

Won't harm *any* toilet system. Works in hard or soft water. All grocers have it. Two sizes. The Hygienic Products Company, Canton 2, Ohio.



Sani-Flush

QUICK
EASY
SANITARY



With the amazing new De Luxe Mop Wringer Pail, you get mops absolutely clean and dry without fuss or muss. Just open wringer with a touch of your toe, rinse mop in water, step on treadle and lift out mop. No stooping, no splashing; no wet, dirty hands! Get the De Luxe at your Hardware or House Furnishings store.

SCHLUETER MFG. CO. • ST. LOUIS

best direction for a street is one that runs east and west. On such a street, the south side will get more sun than the north. On streets running north and south, the west is usually the better side for the same reason.

Those preferences are based on the assumption you will want your living room and perhaps one side of the dining area to face south, so the low winter sun will reach the windows.

Lots 40 feet wide are quite common, but are too narrow, and should be avoided. Sixty feet or more should be the minimum width if you wish to give an interesting treatment to the exterior of your house and garden.

If your lot slopes down from the street, you may have a drainage problem, and may not be able to have basement plumbing. Sites sloping up from the street with an easy grade are fine for basement garages.

From a neighbor, or a test hole, find out the underground water level. If high, it may make a basement too expensive.

Utilities, services, and restrictions

After narrowing your choice to several lots, get full information regarding them on the following important subjects:

Water	Postal delivery
Electricity	Police protection
Gas	Fire protection
Sewer (location, height)	Zoning restrictions
Building code	Deed

Have your deed, the building code, and zoning laws checked by your attorney or architect, to make sure you can build the type of home you want.

Fire protection will mean much both to the safety of your family, and in insurance rates, so don't neglect to check on that especially.

When does your subscription expire?

YOU can find the expiration date of your subscription in the address label stamped on the back of your copies. If the numbers at the right-hand end of the line above your name read "5-49," for example, the last issue under your subscription will be May, 1949.

Make sure that you will receive all copies of *Better Homes & Gardens*, by mailing your renewal at least two months before your present subscription expires.

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"Like going to Florida"



B & G **Hydro-Flo***

Radiant Panel Heating

delights owner with sunny warmth

This owner of a B & G *Hydro-Flo* heated home writes, "To go home is like going to Florida for the night after working all day in the cold. It is hard to describe the comfort that this type of heating provides.

"We have used much less fuel than anticipated—at least a third less. The house is uniformly comfortable, no drafts, less dirt and warm floors all of the time."

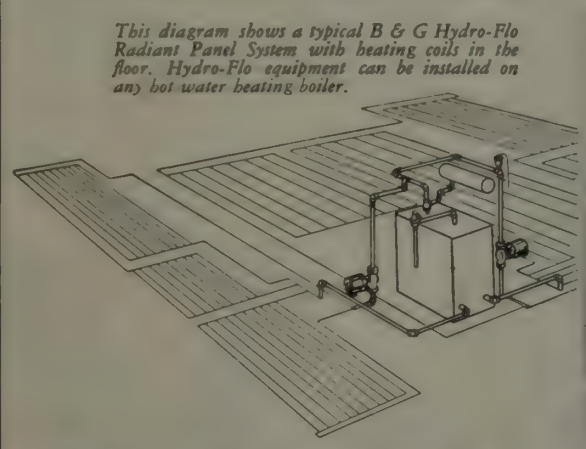
Do you wonder that B & G *Hydro-Flo* Heating is today's home comfort sensation? Whether you prefer radiant panels, baseboard units, radiators or convectors, this *forced hot water system* will give you the finest in economical, automatic heating.

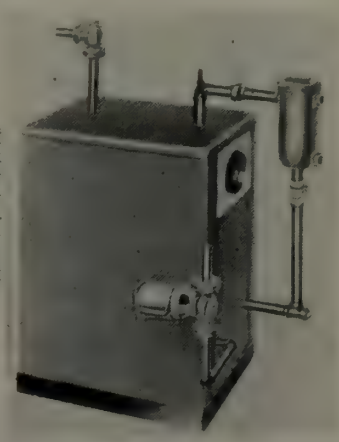
Loads of hot water, too

And not least, the B & G *Hydro-Flo* System furnishes a year 'round supply of hot water for kitchen, laundry and bath . . . heated by the same boiler that heats the house.

For the complete story, send today for the free booklet, "Capture the Sun with B & G *Hydro-Flo* Heating."

This diagram shows a typical B & G Hydro-Flo Radiant Panel System with heating coils in the floor. Hydro-Flo equipment can be installed on any hot water heating boiler.





B & G **BELL & GOSSETT Company**

DEPT. AX-26, MORTON GROVE, ILL.
Please send your Free Booklet "Capture the Sun with B & G *Hydro-Flo* Heating."

Name.....

Address.....

City.....*Zone*.....*State*.....*Reg. U. S. Pat. Off.



Want to cook dinner at the movies?

Ask your Frigidaire Dealer to show you how — in the finest automatic electric range in Frigidaire history!



You can take the afternoon off, at the movies or a bridge party, and still have dinner all cooked and ready by the time you get home—when you have the new Frigidaire Electric Range to do your cooking for you automatically. Ask your Frigidaire Dealer to show you how the Cook-Master Oven Clock Control turns on your oven automatically at the right time, turns it off when cooking's done. You just put things in the oven, move two knobs and flip a lever—that's making life easy, isn't it?

And look at these other conveniences—the Triple Duty Thermizer (it's a deep-well cooker, a small oven or a surface unit!)—the 5-heat Radiantube surface cooking units—the Even-Heat oven—and of course, the easy-to-keep-clean porcelain finish.

Visit your Frigidaire Dealer at once—see your wide choice of Frigidaire Electric Ranges and Refrigerators. And have a demonstration of the Automatic Washer, too. Find Dealer's name in Classified Phone Directory. Or write Frigidaire Division of General Motors, Dayton 1, Ohio. In Canada, Leaside 12, Ont.

Listen to Frigidaire's New Lum and Abner Show, Sunday nights, CBS.

FRIGIDAIRE

Electric Ranges



The Even-Heat Oven has extra thick insulation, porcelain finished surfaces, sturdy won't-tip shelves, automatic stops to prevent accidental withdrawal.



Radiantube Surface Units have 5 exact cooking speeds. They're quick to heat, sparing of current—and they're yours only on a Frigidaire Electric Range.

Radio repairs you

By Jack Darr and W. R. Simmons

IF YOU own a table-model radio, sooner or later it will need repair. Have you ever thought of the fun you could have—and the dollars you could save—by making minor repairs yourself?

Don't get us wrong. We don't advise amateur tampering with a valuable console radio. Even a table model is a complicated piece of machinery; unskilled hands can easily throw it out of whack.

But if you are careful, and can restrain that impulse to experiment, there are several simple, dollar-saving repairs you can make at home.

First, three warnings.

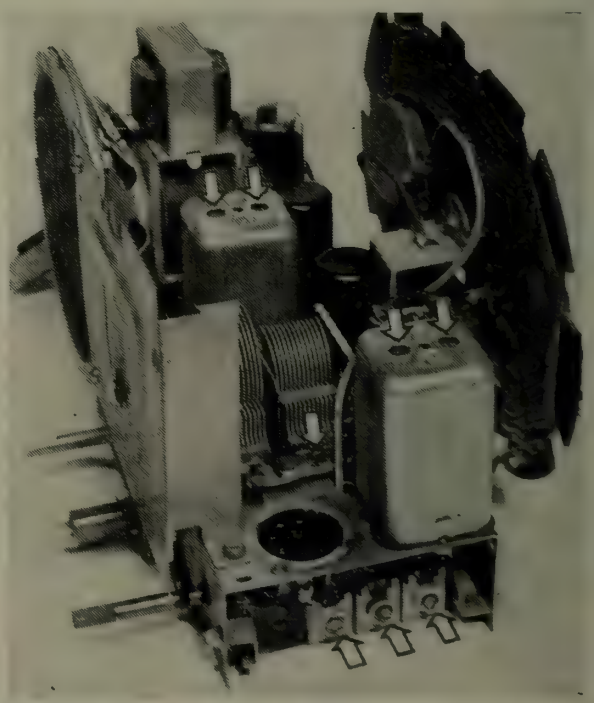
Never attempt a repair with the power connected.

Even with the radio off, switch terminals carry 110 volts, ready to bite unwary fingers. With the radio on, up to 700 volts are present, and can cause serious injury or death. Don't take a chance.

Never plug in a radio to test a repair without first sliding the chassis back in the cabinet.

Never attach a ground wire to a small AC-DC set. Most table-model radios are of this type. Use any kind of antenna, but don't hook the set to a wire that makes metallic contact with the earth.

Observing these precautions, here are the repairs you can make easily and quickly, together with a few tips on things *not* to do.



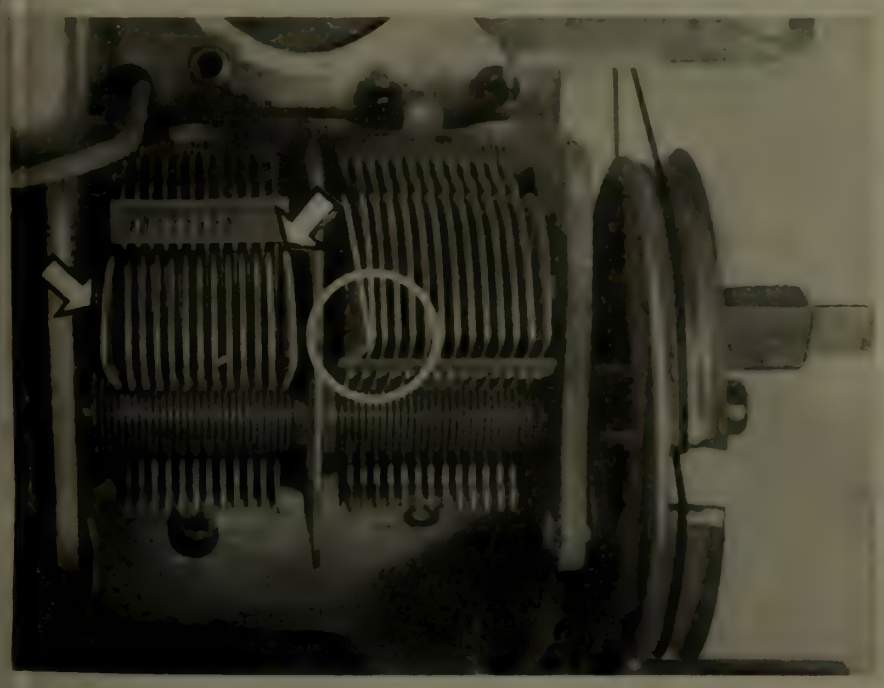
What *not* to do to your radio. Never attempt to adjust any of the small screws indicated by arrows. They all must be set by an expert in proper relation to each other

can make

Trouble: Scratching noise when the station is changed.
Cause: Probably dust on the variable condenser plates.



What to do: Disconnect radio. Pull knobs from the front (there may be setscrews to loosen) and remove bolts holding the chassis in the cabinet. These bolts will be on the bottom or inside at the back. Slide the chassis out carefully. Blow dust from between the plates. Use a rubber tube at least two feet long so you don't get dust in your eves. You can use a vacum cleaner with a hose attachment if you hook it up in reverse so it blows dust out. Except on condenser plates, dust in a radio does little harm because there are so few moving parts



Some variable condenser plates should be bent and some should not. The outside plates (arrows, left section) often are purposely bent to make two sections track on all stations. In the right section (circle) a plate has been bent through carelessness so it touches another. Note whether any plates are bent in your radio. Then if any are accidentally bent later, straighten them by prying carefully with a knife blade. Plates should be closed while you work on the radio. To be safe, set dial pointer at 55 before you take radio chassis out of cabinet

More on next page

THESE KITCHEN JEWELS SPEAK FOR THEMSELVES

But to make sure you get them, look for the Revere trademark in the thick copper bottom.



6 and 8-cup Coffee Percolators . . 1, 2 and 3 qt. Covered Sauce Pans . . . 1½ and 2-qt. Double Boilers . . . 4-qt. Covered Sauce Pot . . . 5½-qt. Dutch Oven . . . 8, 10 and 12-in. Covered Skillets.

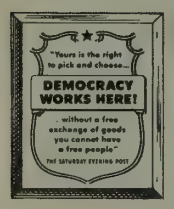
REVERE COPPER AND BRASS INCORPORATED
Rome Manufacturing Company Division
Rome, New York

P.S. *New items are constantly being added to the line. Look for them at your dealer's.*



Softly . . . SOFTLY . . .

Softly, you move to the crib to make certain that all is well with the most precious thing in your life, the most wonderful baby in all the world. Softly, too, the smooth white Pacific Sheets welcome you when you return to your own bed. And softly these Pacific Sheets meet your budget requirements. For these are the famous Pacific Combed Percales, latest products of Pacific craftsmanship. Ask for them by name.



PACIFIC MILLS is glad to pay tribute to the progressive retailers of America. Through these outstanding exponents and practitioners of the American Way of Life, Pacific fabrics in wide variety and high quality become available at attractive prices.

Made of combed yarns, characteristic of the most luxurious sheets, Pacific Combed Percales are nevertheless priced *lower today than under wartime price controls.* Actually they are as low as carded percales. You'll find them today's best value in sheets.

BALANCED PACIFIC SHEETS

PACIFIC COMBED PERCALE · PACIFIC EXTRA-STRENGTH MUSLIN · PACIFIC TRUTH MUSLIN

Free booklet: "The story of Pacific Balanced Sheets". Drop a card to Pacific Mills, Dept. BH3, 214 Church Street, New York 13

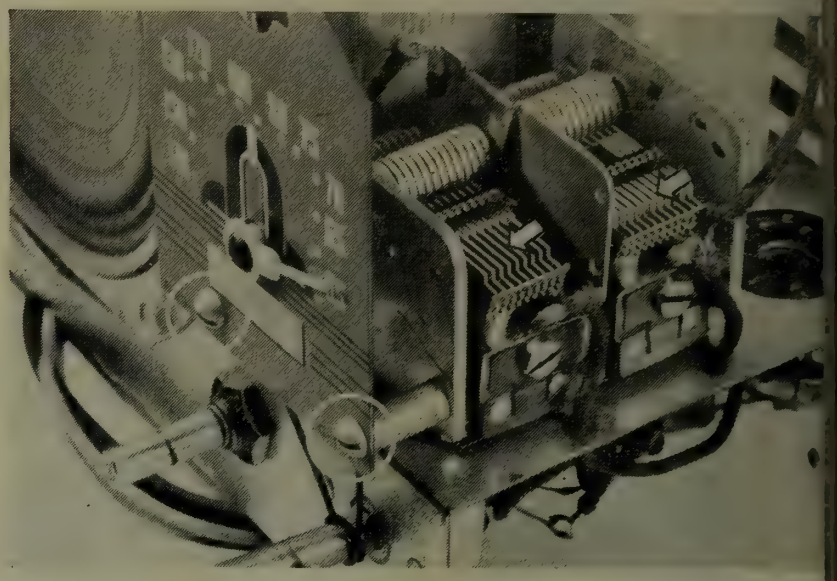
Look for the Pacific label also on Pacific Supersorb Towels, Pacific Silver Cloth, and on men's, women's and children's wear of cotton and rayon

Radio repairs

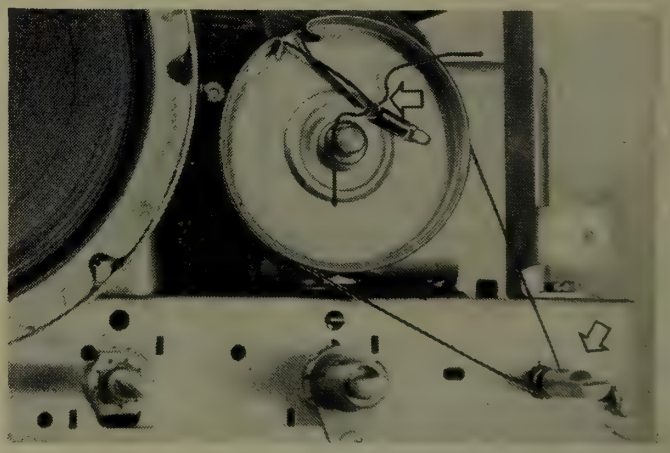
Begins on page 10

Trouble: The dial pointer won't turn, or it points t the wrong station.

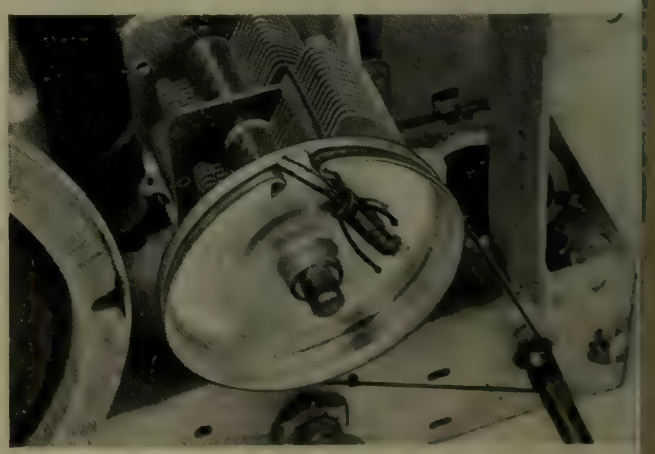
Cause: String driving the pointer is broken or slipping



What to do: Disconnect radio and take the chassis out the cabinet. If the pilot light is mounted on the dial fac slip it out. Remove dial pointer. Take out screws holding th dial face (circled) and remove the face. Then you can se the string which drives the pointer. If string isn't broken, pu beeswax on it to stop slipping. Replace dial face, pointe and light. To reset pointer, close condenser plates (arrow so they mesh, and set pointer at 55 or the small mark beyon



If string is broken, replace it with fishline. Wind string three times around station control (arrow). Bring ends around wheel and through opening in rim. Thread string through spring (arrow at the top), one end from back to front, one from front to back



Pull ends of string tight enough to stretch sprin and tie a knot. Test by turning station control. the string is tight enough, it won't slip. Tie sever more knots, put a drop of glue on them, and tri

More on page 1



WATCH FOR THE CARPET FASHION OPENING IN YOUR CITY, MARCH 1-10, 1949.

Million Dollar Luxury FOR A MODEST BUDGET

by KROEHLER

The gorgeous upholstered furniture you see pictured here is our crowning achievement in refinement, in style and in comfort. The meticulous detailing of every hidden part is glorified by an entirely new type of fabric. Exclusive Kroehler Cushionized* Construction makes for unmatched comfort. Visit your Authorized Kroehler Dealer today.

Choice of 7 exquisite new colors

WORLD'S LARGEST FURNITURE MANUFACTURER

KROEHLER

(Say KRAY-LER)

Furniture

Radio repairs

Continued from page 108

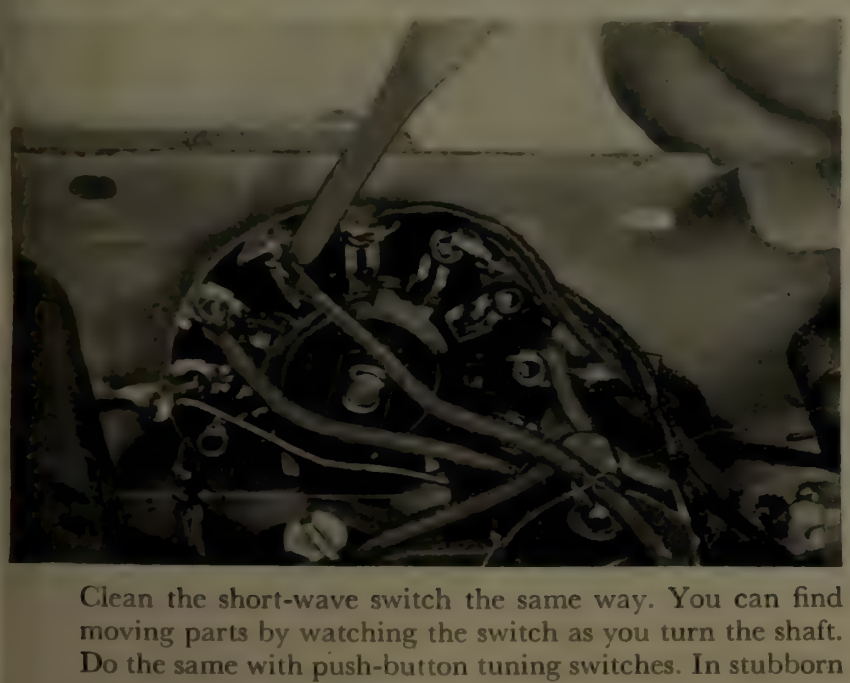
Trouble: Noisy crackling when volume control is turned.
Cause: Dirt or rust on the contact that moves when the volume control shaft is turned, or dirt on the shaft itself.



What to do: Control may need replacement, but try putting carbon tetrachloride (available at any drugstore) on the shaft. Use a medicine dropper. Lay chassis on its back, and turn shaft so liquid runs inside where it is most needed



Turn chassis upside down. Look for three metal prongs (arrows) where wires are soldered onto control. As you turn shaft, put carbon tetrachloride around these prongs. Prongs at extreme back are connections that turn the radio on and off; they are not responsible for crackling, need no cleaning



Clean the short-wave switch the same way. You can find moving parts by watching the switch as you turn the shaft. Do the same with push-button tuning switches. In stubborn cases, flood moving parts with the fluid and brush gently with an old toothbrush. Be careful not to break wires

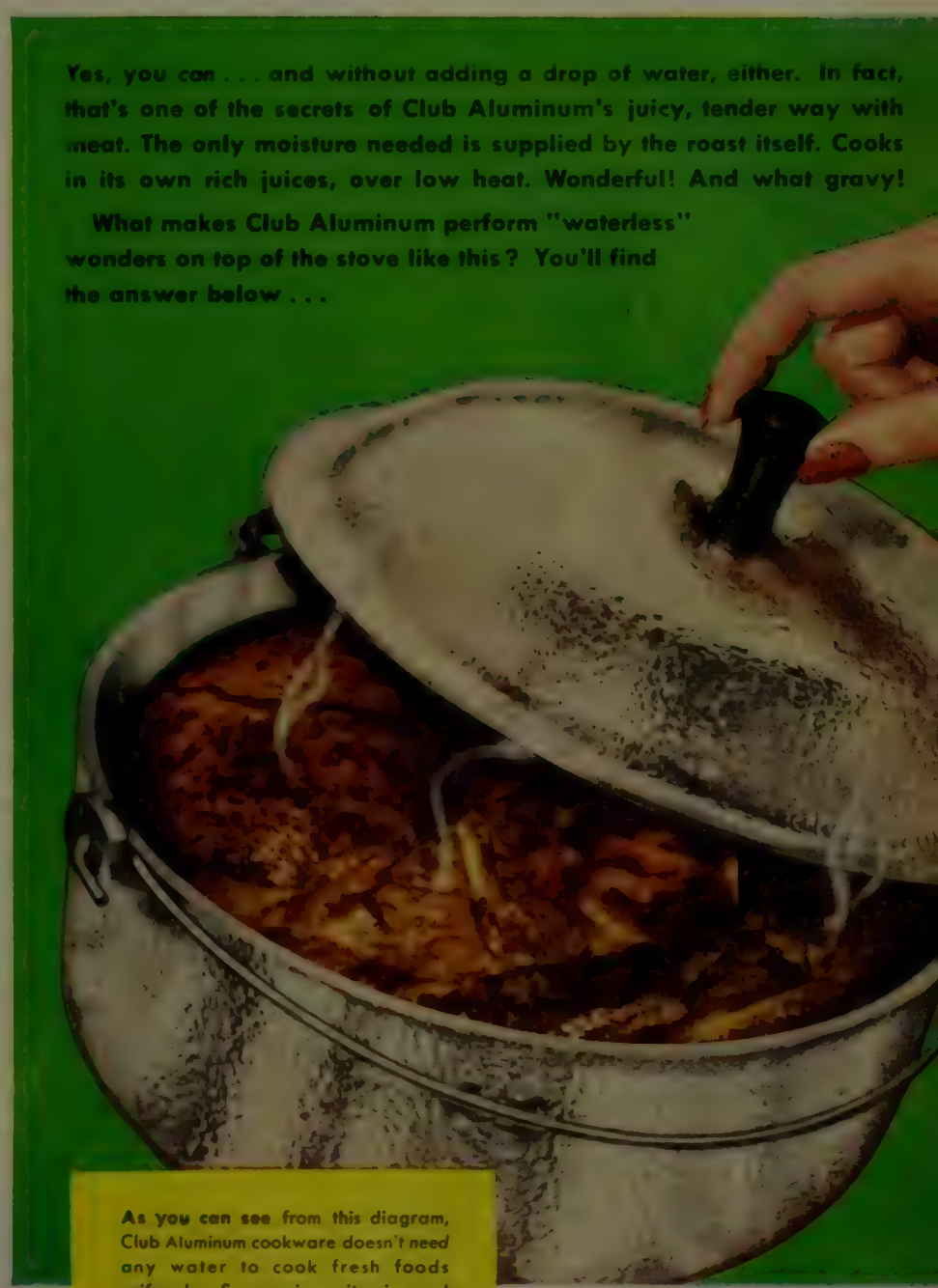
More on next page

Club Aluminum
HAMMERCRAFT WATERLESS COOKWA

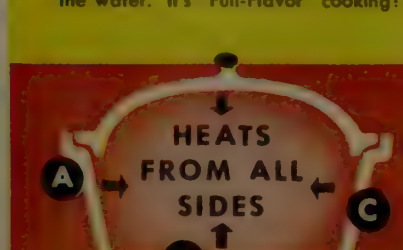
cook chuck roast tender as rib!

Yes, you can . . . and without adding a drop of water, either. In fact, that's one of the secrets of Club Aluminum's juicy, tender way with meat. The only moisture needed is supplied by the roast itself. Cooks in its own rich juices, over low heat. Wonderful! And what gravy!

What makes Club Aluminum perform "waterless" wonders on top of the stove like this? You'll find the answer below . . .



As you can see from this diagram, Club Aluminum cookware doesn't need any water to cook fresh foods uniformly. So, precious vitamins and minerals aren't poured down the drain. Fresh vegetables, fruits, meats cook in their own natural juices, flavor and reflavor themselves instead of the water. It's "Full-Flavor" cooking!



A Moisture-sealed lid holds heat in—bastes juices back into food
B Thick, molded aluminum walls spread heat evenly
C Less heat needed—you save on fuel

Shown here is Club's 4½-qt. Dutch oven. Other Aluminum pieces now available include the 6 10-qt. Dutch ovens and assorted sizes of covered sa pans, open fry pans, chicken fryers, oval roas 10-in. handled griddle, coffee makers, handled Also, Club glass coffee makers, Club Coffee Disper Club Pot 'n' Pan Pads and Club Hot Dish Pads

When you cook the Club Aluminum w foods taste better—and they're better you. Besides, you save money doing it. T is the Club Aluminum that was once s through home demonstrations at ab double today's prices. Full 18-piece now available at your dealer. Ideal for gi Every piece has Club's hammered "jewel store" finish. You'll love 'em all.

CLUB ALUMINUM PRODUCTS C
Chicago 14, Illinois

Tune in "Club Time," ABC network, Tuesday mo ings, and hear favorite hymns of famous peo

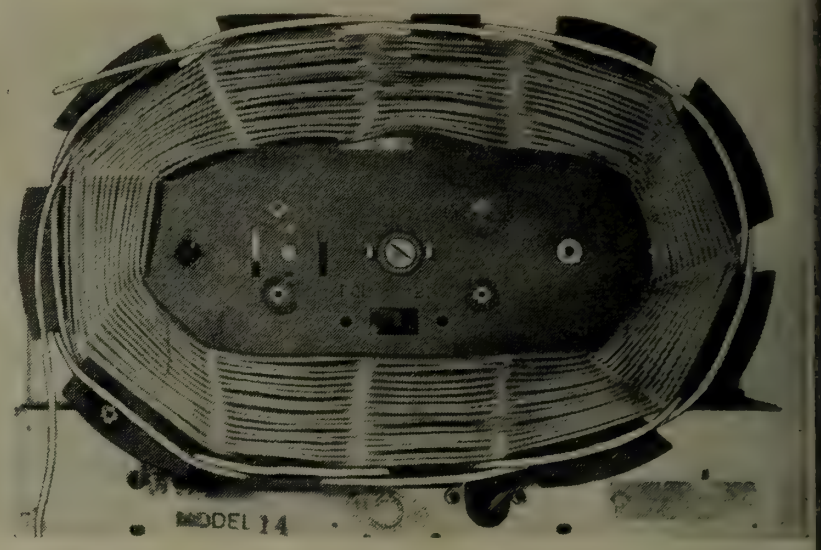
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Radio repairs

Continued from preceding page

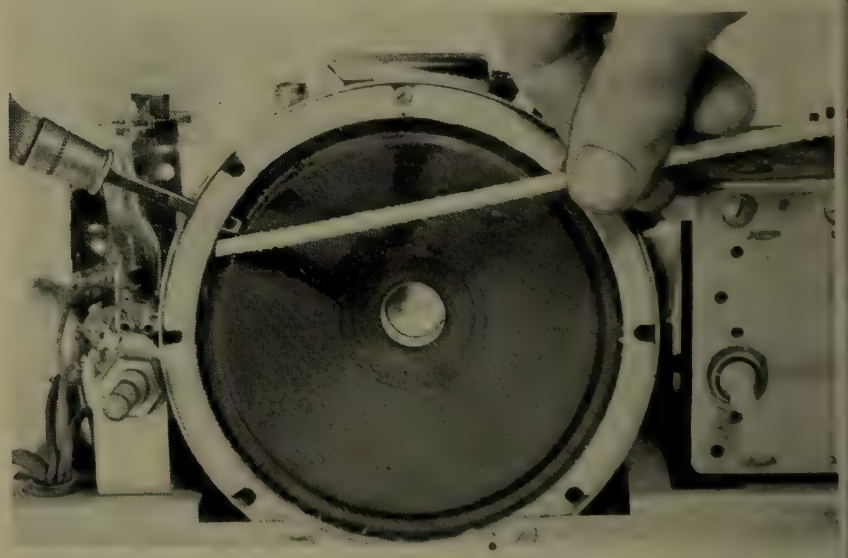
Trouble: Not enough volume on a small set, even though the tubes and condensers are in good condition.
Cause: Too little signal strength in the built-in antenna.



What to do: A built-in antenna can be coupled to an outside aerial for more volume, assuming the radio is in good working order otherwise. If there is a connection in your radio marked "A" or "ANT," hook a flexible piece of wire about 25 feet long to it. String the wire around the room, out of the way, or hook it to an outside aerial.

If no connection is provided, as in the set pictured above, wind the piece of wire around the edge of the built-in antenna. One or two loops will do the job. Tie the inside end of the extra wire to a projection of the frame, and string the other end around the room. Or better still, connect one end of the extra loop to a ground wire (being careful not to ground the radio itself), and connect the other end to an outside aerial

Trouble: Rattles and rasps in the radio's tone.
Cause: Tears in the paper that covers the speaker cone, possibly looseness around the rim of the speaker.



What to do: Disconnect radio and remove chassis. Repair tears in the speaker with a few drops of glue. Apply it sparingly with a pipe cleaner or toothpick. Spread glue on both sides of the tear if the inside is accessible. Press edges of tear together, and hold them until the glue starts to set. Let cement dry an hour before turning on the radio.

If the speaker rim is loose, as pictured, pry it up gently with a screwdriver or fingernail file. Put glue under it, and press into place. Be careful not to shift the speaker cone out of position, or you might spoil the radio's tone. Repairing a shifted cone is a job for a specialist, not a home handy man

More on page 114



SEE ALL THE NEW FIRTH CARPETS IN YOUR FAVORITE STORE . . . CARPET FASHION OPENING, MARCH 1-10

DRESS: A BEN REIG DESIGNED BY OMAR KIA

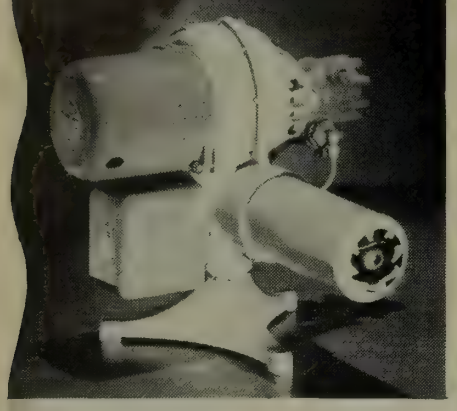
WOMEN WITH A SENSE OF STYLE PREFER FIRTH

W. & J. Sloane, in New York, decorates a room around Firth's Good Harmony Quality broadloom. The design...an inspired reproduction of a lovely old Aubusson...retains all the delicacy of the original. Firth pattern 7533

FIRTH Rugs and Carpets
295 Fifth Avenue, New York 16, N.Y.

What to expect when you convert to a

Nu-Way OIL BURNER



Constant, Comfortable Temperatures — Nu-Way Oil Burners maintain healthful, even temperatures. Just set the thermostat at the desired temperature and Nu-Way does the rest.

Fuel Economy — Nu-Way's famous patented air control and patented shielded nozzle assure correct combustion now and continued high efficiency for years to come. Ideal for small homes.

Quiet Operation — Everything about the Nu-Way has been designed with smooth, quiet operation in mind. Rotating parts are dynamically balanced. Inside air-flow surfaces are smoothed to eliminate noisy whistles.

Cleaner Heat—No soot, no ashes, no smoke. Nu-Way Oil Heat is Clean Heat.

Extra Space—Nu-Way does away with dirty, unsightly coal bins—permits space to be utilized in any number of different ways . . . makes basement space, livable space.

Trouble-Free Performance—Nu-Way Oil Burners are engineered to high standards based on 27 years of experience in building oil burners exclusively. Sold through your local heating contractor!

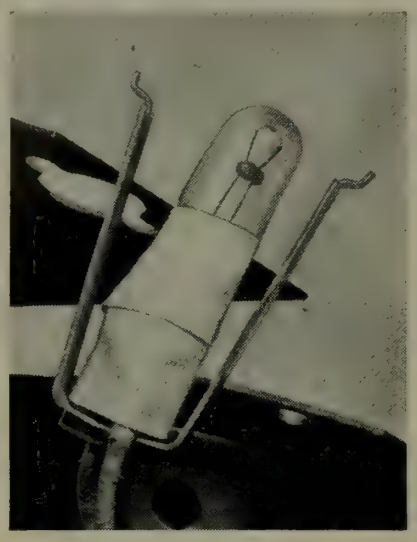
THE **Nu-Way** CORPORATION
Rock Island, Illinois

"AUTOMATIC OIL HEAT EXCLUSIVELY SINCE 1921"

Radio repairs you can make

Continued from page 112

Trouble: No light on radio dial.
Cause: Burned-out pilot light.



What to do: Unplug radio and replace faulty bulb. Be sure the new bulb is the right type, as designated by the number on the base or by colored beads in the glass stem. Most small radios should not be operated without a dial light. The type of socket pictured is removed by pinching sides and pulling back. Some lights are mounted with a gadget like a pencil clip. The pilot-light socket should be taped for safety. Otherwise it could give you a nasty jolt when the radio is on. In this set, a voltmeter showed 100 volts between untaped socket and and the metal chassis of the radio.

Trouble: Radio dead. No light on dial, no music.
Cause: Probably a dead tube. Most small sets are of the AC-DC type with tubes connected in series like old-fashioned Christmas-tree lights. Failure of one tube makes the whole set go dead.
What to do: Have a radio repairman test the tubes. He can quickly find the one that is bad. If the tubes are good, have the repairman check the entire set.

Trouble: No sound except a loud hum, or a burned varnish odor, or smoke.
Cause: Short circuit somewhere inside the set.
What to do: Disconnect the radio at once. Take it to a repairman; finding a short is no job for an amateur. If the cord carrying power to your radio is frayed or cracked, it is dangerous. Have a repairman replace it.

TO GET the best tone, place your radio an inch or two from the wall, to allow free circulation of air behind it. That prevents overheating. Never put a table radio on a metal surface; there's always a chance of a short circuit. No radio should be placed near the room's heating apparatus or near windows, for humidity will cause the wood to expand, and extreme dryness will cause contraction.

When a portable radio is idle, take the batteries out and store them in a cool, dry place.



USE WOOD AND *Protect* IT WITH

WOODLIFE

the *original* toxic water repellent with penta chlorophenol a DOW product

A Few Pennies NOW

WOOD . . . the *oldest* and *best* building material . . . preserved with WOODLIFE is the most modern. WOODLIFE withstands the rigors of sun, rain and snow . . . winter heating and summer air conditioning. No worries over warped doors and decayed windows . . . no costly repairs. WOODLIFE is Time-Tested . . . used by leading woodwork mills since 1935.

WHEN YOU BUILD OR REMODEL USE

WOOD LIFE

Saves Money . . . Insures Against

Decay or Rot	Warping
Stain	Swelling
Termites	Shrinking
Lyctus Beetles	Checking
Carpenter Ants	Grain Raising

WOODLIFE, ideal for Flooring, Siding, Kitchen Cabinets, Porch Floors and Steps, Storm Sash, Screens, Game Rooms . . . in fact all wood . . . it will last longer and retain its beauty.

. . . for the Handy Man

WOODLIFE is available in convenient containers for home use. Complete directions on each label.



SEE YOUR LUMBER DEALER



Saves Dollars LATER

FREE . . . Send for FREE booklet, "WOOD PRESERVATION," which includes specification data to enable your Architect or Builder to specify WOODLIFE preserved wood to be used in your home. Mail this Coupon NOW!

Name_____
Address_____
City_____ State_____

WOOD LIFE PROTECTION PRODUCTS MFG. CO.
KALAMAZOO 100, MICH.

New recipe contest

Begins on page 70

known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.

5. Include 50 to 100 words about the history or origin of your recipe.
6. All recipes submitted become the property of *Better Homes & Gardens*.
7. Entries must be postmarked by midnight, March 31.
8. Address the recipes you enter to 5403 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines 3, Iowa.

Cook-of-the-Month is Mrs. Robert Young of Glendale, California, a former home economics teacher. Her Dessert Coffeecake, inherited from her college sorority mother, is a tender cake with a rich date-nut filling.

Another prize cake for coffee-time is Marillynn Mark's Cinnamon Coffeecake with a nutty, spicy topping.

Yeast coffee breads winning awards are Mrs. Lorenz's Refrigerator Coffee Ring and Mrs. Koehler's Butterscotch Curls. The refrigerator bread takes little last-minute work—you mix the dough the day before and store it in refrigerator. The Butterscotch Curls are made cinnamon-roll fashion, then baked in a brown sugar-butter-cream sauce.

Spaghetti star is Mrs. Bedell's Beef Stroganoff, featuring a delectable sour cream-tomato sauce. Noodle specialty, Big Dinner Casserole was submitted by Mrs. Lax. Try serving this at a potluck affair to win acclaim; subtle soy flavor will have them guessing.

Macaroni takes a bow in Mrs. Hartnagel's Pork and Macaroni Bake, a flavor-packed he-man's casserole. For a macaroni bake that takes only a jiffy to put together, try Mrs. Blake's Macaroni 'n' Cheese. It has a mushroom-soup base, so there's no white sauce to make.

Honor Roll

Mrs. Marvel Barnett, Sacramento, California.
Mrs. E. A. Bedell, Fort Belvoir, Virginia.
Mrs. N. J. Blake, Bedford, Ohio.
Mrs. Thomas Brown, Odell, Illinois.
Grace Carley, Battle Creek, Michigan.
Lynn Graeff, Chicago.
Mrs. Ralph Hartnagel, St. Louis.
Mrs. W. C. Heilman, Sr., New Castle, Indiana.
Mrs. Harold Helgesen, Bay Village, Ohio.
Mrs. Vincent Hollander, Des Moines, Iowa.
Mrs. L. V. Koehler, Massillon, Ohio.
Mrs. M. H. Lax, St. Paul.
Theresa M. Lessmeister, Peru, Illinois.
Mrs. John R. Lewis, Jr., Detroit.
Mrs. A. J. Lorenz, Los Angeles.
Marillynn Mark, Chicago.
Margaret Morrisroe, Goldenbridge, New York.
Mrs. Mary Newman, Columbus, Ohio.
Mrs. H. F. Radloff, Dubuque, Iowa.
Mrs. B. Zimmerman, Milwaukee, Wisconsin.

Quickest "do-over" . . . color in your window shades

COLOR, pale, brilliant or velvety deep, makes these handsome Columbia Shades a wonderful new "pick-up" for any room in your house! Use Columbia Color Shades as harmonizers, as fresh accents; pull a whole color scheme into new focus with one of our sparkling Columbia Print Shades. It's such a quick, effective "do-over" at so little cost!

Only in Columbia Pyroxylin shades will you find this magnificent range of decorator colors, this selection of charming plaid, floral and chintz patterns. Columbia Pyroxylin, the best waterproof, washable shade, costs about $3.00 in the plain; average size. Prints, a bit more. The Columbia Mills, Inc., 428 South Warren St., Syracuse 2, New York.



PLAN AROUND PLAID and make your window shade a conversation piece—or choose a delightful Columbia flower pattern, circus print, Victorian chintz.



DRAMATIC WHITE AGAINST DARK makes these snowy shades a vivid touch in a deep-toned room. Cheery for bedrooms, too, in room-darkening quality.



PINK'S SO FEMININE, any little girl would love this shell-pink shade at her window. So easy, so inexpensive to complete a color scheme with matching Columbia shades.

Columbia shades are sold only through our Columbia Authorized Dealers, the leading department and furniture stores and shade shops in your town.

Columbia
WINDOW SHADES
ALSO VENETIAN BLINDS • LACE NET CURTAINS • LACE DINNER CLOTHS



America's most-wanted radio-phonograph

4 HOURS CONTINUOUS RECORDED MUSIC . . . automatic playing of LP (long-playing) and conventional records with single tone arm . . . wide-range AM-FM radio . . . cabinetry of heirloom quality . . . PLUS space for installation of Magnascope Television at any time.

French Provincial Radio-Phonograph **$375**

the magnificent
Magnavox
radio phonograph + television

Becomes the nation's finest Television Combination

MAGNASCOPE TELEVISION can be installed now or later. Finest picture quality in television . . . sharper contrast for better visibility . . . complete freedom from eye-fatigue . . . world-famous Magnavox tone quality.

French Provincial with Magnascope Television. (12 in. tube) **$750**

Write for booklet. The Magnavox Company, Ft. Wayne 4, Indiana.

Prices subject to change without notice



How this room grew

Window walls and mirrors make this room seem larger; storage space proves that it is

By Pearl Bank Steward



View that was hidden behind wall gives feeling of openness to the room;

Photographs: Roger Sturtevant



Wall was made to seem larger by removing two closet doors and replacing them with a wall of mirrors. Bookshelves are recessed under the mirror, run length of the wall



BEFORE

AFTER

Klaus Pfeffer's boyhood study was designed to his liking, but it has since come of age. Today Pfeffer uses the same room, but remodeling has made it a man-sized room



seasonal changes serve as color scheme

BEFORE



AFTER



As A boy, Klaus Pfeffer, a Berkeley, California, designer, had an unusual room. When his parents built their home, they gave him a free hand. He chose pine-paneled walls, a beamed ceiling, lots of shelves for books and all the assorted junk that a 12-year-old accumulates. The quality of the furnishings was improved as he grew older, and the room seemed appropriate for his college days.

But when Pfeffer began to study architecture, he saw what was wrong with the room. The room had too many doors—eight of them. The wood moldings were dust catchers. The lavatory was too small, and there wasn't enough closet space. Added to that, the small-paned French doors all but shut out a magnificent panorama of San Francisco Bay.

Klaus Pfeffer's neatest trick was creating an illusion of spaciousness. He opened the room by adding a wall of glass, and by mirroring an adjoining wall he gave the room breadth. Since curtaining would make the room seem smaller and would not be needed for privacy, an outside awning was installed over the balcony. The awning can be rolled out of sight when it's not in use.

The warmth of redwood plywood walls and soft, textured fabrics keep Pfeffer's room from seeming too cold. And across an entire wall of windows nature itself brightens the room with pattern and color contrast.

More on page 119



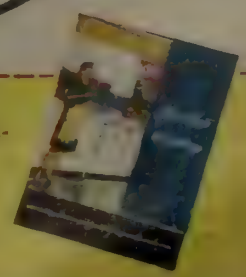
Give your Dream Kitchen the

Warmth and Friendliness

OF WOOD CABINETS—

Get the warmth and friendliness of wood in that kitchen of your dreams. Get the beauty of wood, the quiet dignity, that are an invitation to pleasant living. Kitchen Maid, first of the modern kitchens, gives you all this and more—distinctive Flo-Line cabinet styling, non-chipping aluminum drawers, non-warping doors with quiet, cushioned action, conveniences galore, moderate price. And your skilled Kitchen Maid dealer will supply the all important "know-how" that makes ideas grow into beautiful kitchens. For your copy of famous color booklet containing 10 model kitchens with floor plans see your dealer, or send 10c with coupon below.

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FIRST AND BEST IN
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The Kitchen Maid Corporation, 193 Snowden St., Andrews, Ind.
Enclosed is 10 cents in coin for which please send me your colorful booklet "Kitchen Hints" with pictures and plans of 10 model kitchens.

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Eat better at less cost—with this giant-size Frozen Food Chest! Now enjoy the year 'round treats of frozen foods—or *freeze your own!* Kelvinator's Frozen Food Chest holds 50 lbs. of packaged frozen foods and ice cubes. Shop ahead, and buy in money-saving quantities. It's a "super-market" right at your fingertips.



Miracles happen behind these doors of glass! New, different. Amazing Cold-Mist zone protects vital moisture . . . secret of freshness! Perks up tired lettuce and celery. Uncovered leftovers don't dry out. Even cake stays oven-fresh for days! It's the greatest food-saving feature you've ever seen!

You never saw such room



It's cold clear to the floor!

Amazing new Kelvinator gives you far more food space . . . takes no more room in your kitchen!

Now you can have that bigger, finer refrigerator you want—a Kelvinator that's *cold right down to the floor!* Far more cold space—8½ cubic feet within shelf area *plus* 1½ cubic feet more in the Fruit-Freshener zone! With an oversize Frozen-Food Chest, *and* that wonderful food-saving Moist-Master refrigeration!

YOU GET MORE, BECAUSE—

- Your new Kelvinator is *all* refrigerator. Cold clear to the floor . . . *more storage space.*
- You get a Frozen Food Chest that holds 50 lbs. of packaged frozen foods. You have 4 Speedy-Cube ice trays.
- Worlds of shelf space . . . plenty of room for tall bottles.
- Kelvinator's exclusive Moist-Master refrigeration keeps your foods wonderfully flavor-fresh and moist—without covering.
- You get Kelvinator's famed dependability. It's powered by Kelvinator's penny-pinching Polarsphere . . . sealed-in-steel . . . lasting dependability.

See the complete line of new Kelvinators at your dealer's. You'll find his name in your Classified Phone Book.



Exclusive! New Fruit Freshener is refrigerated, too! Yes! This space is refrigerated, too! Kelvinator is *cold clear to the floor!* There's an extra 1½ cu. ft. of cold space in this zone—for bulky fruits and vegetables, or soft drinks. Keeps everything deliciously fresh and cold.

GET MORE . . . Get cold clear to the floor . . . Get Kelvinator

KELVINATOR, DIVISION NASH-KELVINATOR CORPORATION, DETROIT, MICH.

w this room grew Begins on page 116

HEN Klaus Pfeffer decided to give his boyhood y the proportions of a master bedroom, he converted study into a bedroom and made the former bedroom a complete bath-dressing room. He found the small n that had served as a lavatory could accommodate mpact built-in desk apart from the bedroom. The le bath-dressing room contains a large shower, a n-foot built-in chest, and a nine-foot wardrobe et designed to store all his clothes neatly.



plicity of room today makes it seem double its size. Plain paneling places dust-catching moldings. Former lavatory (at right) now serves compartment for built-in desk. Waffled window glass over his bed minates the need for curtaining and fills the corner with soft light



Klaus Pfeffer's wardrobe problems were solved when he installed a 13-drawer dressing cabinet and an entire wall of closets. Mirror and clothing are kept free from steam by an exhaust fan in a corner shower



Set No. 3462/5. Table size 34x62" extended; 34x50" closed. Choice of colors: Table: white or canary. Chairs: seats and backs richly upholstered in canary, red or black; seat and back panels in gleaming white Arvinite.

First in beauty, styling, comfort

With Arvin's exclusive "Miracle" slide-away extension leaf . . . Arvinite table top . . . richly upholstered chairs

The radiant beauty, wonderful convenience, of an Arvin De Luxe Dinette Set are the perfect combination of fresh loveliness and practical comfort for your home this Spring. The new "Miracle" Slide-Away Leaf (no other like it!) will mean endless satisfaction. Just slip it in place and you'll have room for serving eight! The long-life Arvinite finish is a housekeeping joy—with its lustrous, easy-to-clean surface that resists chipping, cracking, acids, alcohol and boiling water. The chairs, richly upholstered and covered with scuff-proof Vinyl Fabric, are a dream of comfort. You'll be delighted with the stunning colors, the graceful semi-oval table that allows extra knee and leg room, the sparkling lustre of chrome-plated legs and table trim. And Arvin quality means fine craftsmanship in every detail!



New "Miracle" Slide-Away Extension Leaf

Completely concealed, yet ready for instant use. Automatically stored just below the table top. Operates so easily that a child can raise or lower it with one hand from either side. The most convenient table-leaf ever developed.

NOBLITT-SPARKS INDUSTRIES, INC.
Columbus, Indiana

Arvin Metal Chrome-Plated Dinette Sets • Metal Outdoor Furniture • All-Metal Ironing Table



How much will an EASY save you?



Money?

The new Easy Spindrier with Automatic Spin-Rinse is today's first washer value. Costs far less than many washers that do lots less for you!

washing time?

Does a week's wash in less than an hour! One tub washes gently-but-thoroughly, while the other super-rinses, then spins clothes damp dry!

soap and hot water?

Easy's a miser! Uses hot suds over and over! No need for oversize water heater! No family fights for hot showers!

set tub rinsing?

Not with Easy! Just turn a tap! Clothes are needle-sprayed in spinning basket. Rinses a full load whiter, brighter in 3 minutes ... with 3 gallons warm water!

wringing time?

There isn't any! Instead, Easy spins a full load damp-dry at once...as much as 25% *drier* than tight-set wringer rolls!

drying and ironing?

Clothes are lighter to hang up and dry faster. No dripping. No wringer wrinkles to iron out! No broken buttons!

precious space?

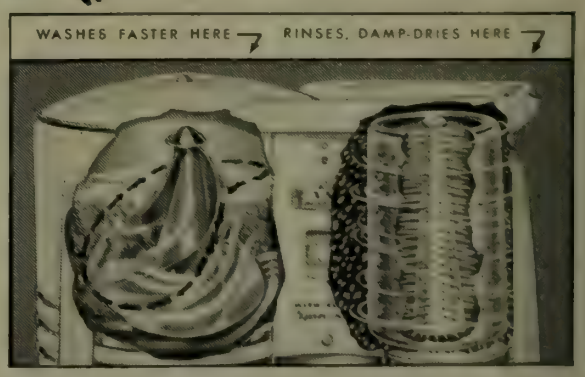
Store Easy anywhere. Just wheel it to kitchen or laundry sink. No set tubs needed. Perfect for cramped quarters!

cleaning bills?

You'll save dollars every month by safely doing "washables" like drapes and slipcovers at home! See Easy in action today! Easy Washing Machine Corporation, Syracuse 1, New York.



NEW EASY SPINDRIER
WITH AUTOMATIC SPIN-RINSE



Every day more women say—"It's EASY for me!"

Blue-cheese specials

By Frances O'Connor

WHEN you want snappy flavor, want to serve something easy yet different, or want to serve something that will please the men, buy a wedge or wheel of Blue cheese.

Below we show Blue cheese served for snacks, as a dessert that can follow a big or little dinner, and in specialty salad dressings and a casserole, pages 123 and 125.



Snappy Snacks

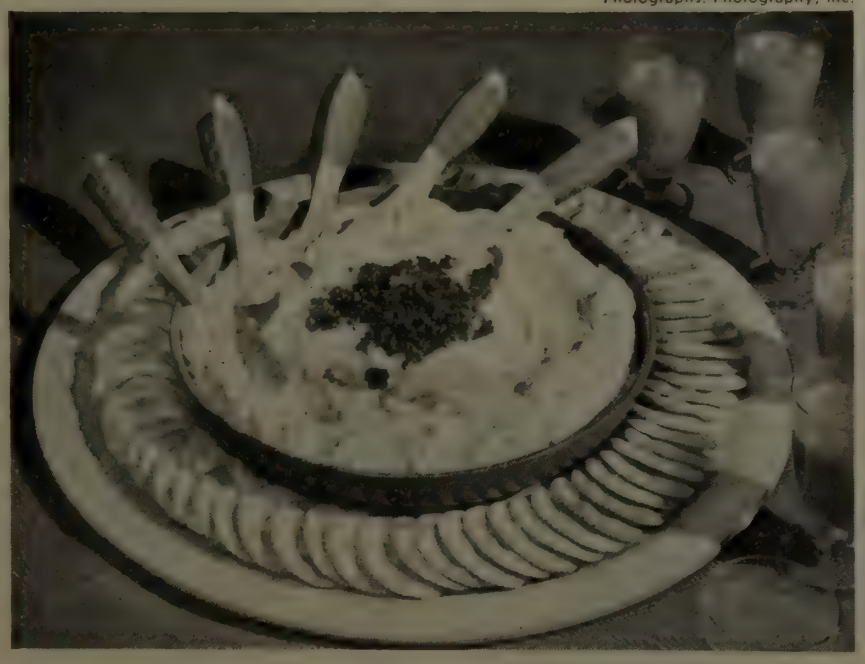
Blend 2 3-ounce packages cream cheese with ⅛ pound Blue cheese. Add 2 tablespoons finely chopped celery, 1 tablespoon finely chopped onion, a dash of cayenne, and salad dressing to moisten. Form in 16 to 20 tiny balls. Roll in 1½ cups chopped California walnuts and chill. Stick each ball with a bright-colored cocktail pick.



Blue-Cheese Log

This uses the same mixture as the balls in the picture above. Serve it for appetizers. Shape cheese in a log, roll in California walnuts or pecans. Chill. Serve with fresh, crisp crackers. A log the size of the recipe will serve 6 to 8.

Photographs: Photography, Inc.



Blue-Cheese Dip

Here's a snack that says "more." Mash 3 3-ounce packages cream cheese. Add ¼ pound Blue cheese, crumbled. Blend. Add 1 tablespoon grated onion and 1 tablespoon Worcestershire sauce. Mix thoroughly. Pile lightly in dish. Sprinkle with chopped parsley. Serve with assorted cocktail crackers or potato chips, and tall cold drinks. Those are cheese spreaders in the cheese. If you like a creamier, softer mixture, beat in a little top milk or cream.

More on page 123

Enjoy your silver

WITHOUT POLISHING!

Your silverware can't tarnish in a Pacific Silver Cloth chest, bag, roll, packet, wrap or buffet drawer. You save work for a lifetime. You get more pleasure from owning new silver, and old silver is more fun to use often. Both flatware and hollow ware are kept always bright and ready for instant use. Whether used daily, for entertaining, on or off vacations, or after years of storage, silver shines like magic!

That is why famous brands of sterling silverware usually are offered with a Pacific



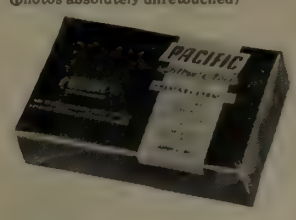
Silver Cloth container. So is high quality silver plate in the beautiful inlaid *Invitation* pattern by Gorham illustrated here. Such high grade silver and Pacific Silver Cloth naturally go together. When you buy new silver, look at the chest, bag, or roll for the Pacific Silver Cloth label. It means quality.

Avoid imitations. Pacific Silver Cloth is an exclusive product of Pacific Mills. It contains millions of particles of silver in a non-visible compound which absorbs the tarnishing elements in the air so they cannot reach your silverware. Why spend money or laborious hours on abrasives or other tarnish remover *unnecessarily?* Buy a chest lined with Pacific Silver Cloth, or a bag, roll or wrap today at your leading local jewelry or department store (yard goods in Piece Goods Departments); or see your furniture dealer for Drexel dining room furniture with Pacific Silver Cloth compartment. Write us today for literature and name of dealer. Pacific Mills, Dept. S3, 214 Church Street, New York 13, N. Y.



In a tarnish test* conducted by the United States Testing Co., Inc., only spoon A, protected by Pacific Silver Cloth, retained its original sparkle! The other spoon, though wrapped in so-called "anti-tarnish" cloth, nevertheless did tarnish as shown.

*Test No. 96514, June 30, '48
(photos absolutely unretouched)



PACIFIC Silver Cloth
REG. U.S. PAT. OFF.

ACTUALLY PREVENTS TARNISH

ONLY A FINE PIANO IS GOOD ENOUGH FOR A *Beginner!*



You want your children to have the fullness of living that love of music can mean — and learning to play the modern way is easy, and fun!

But, it is only on a fine piano that the beginner gets the idea quickly. For it is only when the tone of the piano is *inspiring* and the action *responsive* that learning comes within ready reach of little fingers.

Just as the flowing Baldwin action and the rich Baldwin *tone* give life and warmth to the performance of concert pianists the world over—they give inspiration and pleasure to the learner.

Ask your Baldwin Piano dealer today for our booklet "Planning Your Child's Future;" or write directly to The Baldwin Piano Company, Cincinnati 2, Ohio.

Baldwin

BALDWIN, ACROSONIC, HAMILTON AND HOWARD PIANOS.
BALDWIN ELECTRONIC ORGANS



Blue-cheese specials Begins on page 121



Chef's French Dressing. Combine 1 teaspoon sugar, ½ teaspoon each salt, dry mustard, paprika, a dash of cayenne, 2 tablespoons lemon juice, and 2 tablespoons vinegar, ½ cup salad oil, and ¼ cup crumbled Blue cheese in jar. Cover and shake well.



Creamy Blue-Cheese Dressing. Blend 3 ounces (⅓ cup) crumbled Blue cheese with 2 3-ounce packages cream cheese. Thin with light cream or top milk to the fluffy consistency you like. Season to taste. Serve over crisp, cool lettuce wedges. A salad favorite with men.



Bunburgers. These are hamburgers on bun halves. You broil the hamburger till it's done. Then put Blue-Cheese Mix on top and broil just long enough to heat the cheese. For the mix, blend ¼ cup butter or fortified margarine with 2 tablespoons crumbled Blue cheese.

More on page 125

Olson Rug Magic

and Your Old Rugs, Clothing

Will SAVE YOU up to ½

"Just Imagine . . I sent in my Old Rugs, Clothing and received the loveliest new rugs I ever had."



Reversible for Double Wear

45 Colors, Designs

Lovelier

Rose

Beige Tweed Blend

Blue

18th Cent.

Burgundy—a rich blend of reds (Wine, Ruby, Rose)

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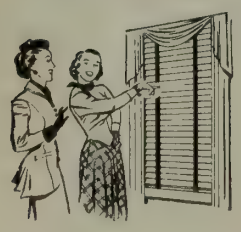
TOWN ..... STATE .....

© ORC. 1948

VENETIANS OF

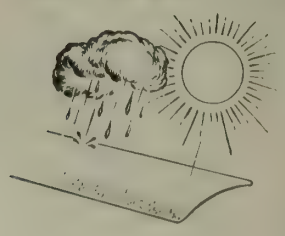
ACME Galva-bond STEEL

STEEL FOR SMARTER STYLE



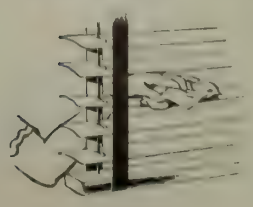
Because steel is strong, each Galva-bond slat can be "thinner," more delicate in appearance, gracefully curved. The smooth porcelain-like finish reflects light softly to flatter any decorative scheme.

STEEL FOR LONGER LIFE



Venetian blinds of Galva-bond Steel bend without buckling, and hold their shape because steel gives them strength with flexibility. The special galvanizing-bonderizing process is the best-known method of giving the finish lasting beauty and long life.

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So simple and convenient to dust! Galva-bond Steel slats flex at a touch. And the smooth, nonporous finish keeps cleaner longer . . . resists smoky, grimy stains, even when hung in kitchens.



A beautiful choice of decorative colors

ACME Galva-bond STEEL SLATS

Look for this seal on the footrail of the blinds you buy for steel slats of lasting beauty.

ACME STEEL COMPANY, 2846 ARCHER AVENUE, CHICAGO 8, ILLINOIS

Blue-cheese specials

Continued from page 123



The Cheese Tray. Simple to do, easy to serve. It's a dessert or snack. Everybody reaches to spread his own, can nibble as long as he pleases. The big wedge of Blue cheese is on a paper doily. Around it arrange crisp crackers and fresh fruit—grapes, pears, or apples.



Noodle and Sausage Bake has crumbled Blue cheese mixed into it for fine flavor. Cook ½ 8-ounce package noodles in boiling, salted water; drain and rinse. Season 6 pork sausage patties with salt and pepper; dip in flour and brown in hot fat. Melt 2 tablespoons butter; add 2 tablespoons flour; blend. Stir in 1 cup milk and cook until smooth and thick, stirring constantly. Add ½ teaspoon salt, a dash of pepper, ½ cup crumbled Blue cheese; stir until cheese melts. Add the noodles, 3 tablespoons chopped green pepper, and 2 tablespoons chopped pimiento. Pour into greased casserole. Arrange meat on top. Bake in moderate oven (350°) 30 minutes. Serves 6.

Home furnishings answers

Q. Trees and bushes outside cut off the sunlight in my dining room. What can I do to make the room seem brighter? Mrs. R. V., Portland, Oregon.

A. First off, choose light-reflecting colors for your color scheme. Yellows, grays, white, ivory, sky blue, pale greens, or shell pink will make the most of a little sun.

Then paint the ceiling one of these light colors. Use paper or paint in a slightly darker shade of the same color for your walls. Keep your woodwork light by painting or bleaching it.

For your curtains and upholstery, choose materials that will reflect the light—glazed chintz, silk, damask, taffeta, and leather. And, by all means, use a mirror and well polished surfaces to brighten the room.

"I commend to you our pleasant California custom of the Olive Bowl"—*says*

KATHLEEN NORRIS



Queen of American authors, Kathleen Norris is beloved by millions of readers. In addition to her prodigious output of 73 novels (her latest, *High Holiday*, is just out) and countless heart-warming stories for the top magazines, brilliant, energetic Kathleen Norris has found time for family and national affairs — and is noted for her hospitality

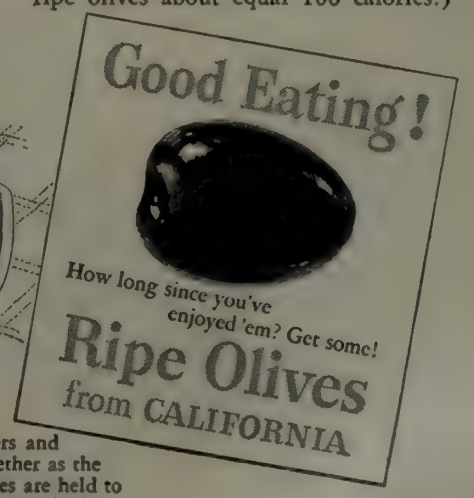
"It's an easy, well-liked gesture of hospitality when friends drop in...an enjoyable "first course" when just the family comes to table"

"I'M GLAD TO HEAR our good California custom is becoming so popular throughout America today," writes Kathleen Norris. "Do try it at your house soon, if you haven't already: simply fill a generous bowl with your favorite brand of California ripe olives and set them out for all to enjoy. Compliments never fail you."

Ripe olives from California fill an honored place in the diet. Among other food values, California ripe olives offer you nourishing protein...and they're a source of Vitamin A, and iron. *But the reason California ripe olives are famed throughout the world is FLAVOR!*

Bite into one. Here's plump, meaty goodness. Here's good eating. Have another...enjoy all you want! (Yes, even if you're a "calorie-counter." For 8 to 10 ripe olives about equal 100 calories.)





This advertisement is published by the growers and processors of California ripe olives, acting together as the Olive Advisory Board. All California ripe olives are held to standards of quality, strictly graded and correctly labelled.



Sleep in peach-hued luxury -smooth, soft-toned ... delicious

Dress your bed in Pequot's luxurious peach percales. Then dream you're cradled in the gentlest treetops . . . lulled by the whispering evening breeze. Thrill to the cool, incredible smoothness of these loveliest of sheets . . . woven from extra-long cotton fibres, over 200 threads to the inch, fine combed to silken-softness, woven to exquisite perfection.

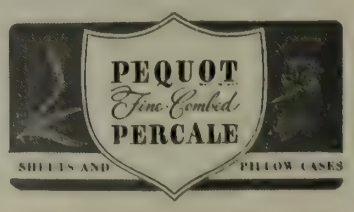
Available in Green • Peach • Airway Blue

Pink • Dusty Rose • Candlelight Yellow • and White

PEQUOT *fine combed* **PERCALES**

MORE THAN 200 COMBED THREADS TO THE INCH

Pequot Mills, Salem, Mass.
Makers of Pequot Muslins,
America's Most Popular Sheets



Trade old shelves for new

Low bookcases divide living and dining rooms without giving you claustrophobia

By Dorothy Killan



Problem This gumwood bookcase was a barricade between the living and dining rooms in the home of Mr. and Mrs. Dean Gilmore in Long Beach, California. The shelves were just high enough and wide enough so you couldn't see over or around them. Books were hidden behind barred glass doors.

Photographs: George de Gennaro



Solution Bookcase was cut down and filled in with framing and plaster so both rooms would have a more open, spacious feeling. Even so, the bookcase still serves to separate the rooms. Shadow-box-type grill above the shelves makes an ideal place for a display of plants and china. (Radiator used to be on the floor beside the old bookcase. It was moved up so the Gilmores could carpet between the rooms.)

Leery of Ladders?

Get SELF-INSULATING WINDOWS That stay in the year 'round



Thermopane.* That's the glass to have in all your windows if this isn't your idea of a pleasant weekend. With *Thermopane* there's no wrestling with storm sash and ladders. Nor hiring help for the job.

With *Thermopane* your windows open and close just like sash with ordinary single panes. BUT . . . you have two panes of glass with dry air sealed between—insulation built right into each window.

There's your fuel saving. Your comfort. Freedom from downdrafts. Freedom from frosted or fogged-up panes.

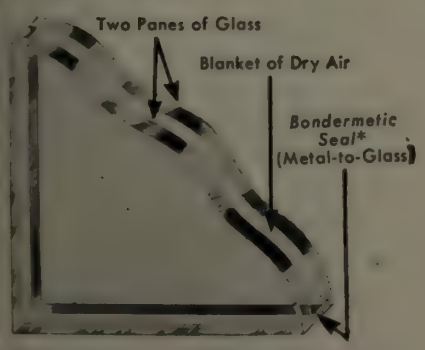
You can now have *Thermopane* in almost any type window you want—casement, double-hung sash or picture windows, made of either wood or metal.

When you build or remodel, ask your architect or contractor to figure on installing *Thermopane* in every window. Naturally, it costs more than single glass panes, for you're getting *insulated* windows. And what a relief it is to have year-round comfort (summer heat insulation, too) without lifting a finger.

For full information on this ultramodern window, write for our new *Thermopane* book.

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L O F *Thermopane*



made only by
LIBBEY · OWENS · FORD
GLASS COMPANY
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Please lady, listen

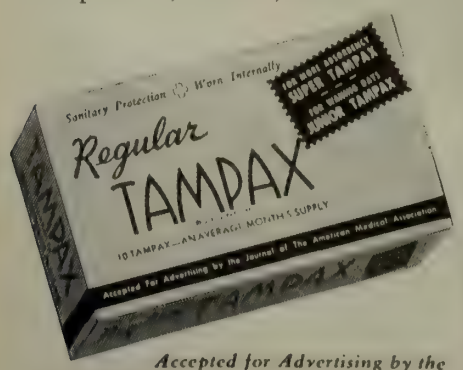


Please don't walk away or turn a deaf ear, gentle lady! There's big news in the air and you may find it just as important in your life as it has proved to millions of other women all over the world—not once, but thirteen times a year....As you already have guessed, the subject under discussion is a wholly feminine one—monthly sanitary protection.

NO BELTS
NO PINS
NO PADS
NO ODOR

But the "big" news deals with a *very* tiny product indeed, no longer than your little finger! It is called *Tampax* and it is worn internally. This principle is well-known to doctors and it has many advantages. Tampax frees you from the tyranny of belts, pins and external pads. It causes no odor or chafing. Quick to change and easy to dispose of. Tampax is only 1/9 the bulk of older kinds and you can shower, tub or swim without removing it!

Made of pure surgical cotton compressed in dainty patented applicators, Tampax comes in 3 absorbencies—Regular, Super, Junior. Average month's supply slips readily into purse. Compare today's price of Tampax with the price of nationally-advertised external pads. Tampax Incorporated, Palmer, Mass.



Accepted for Advertising by the Journal of the American Medical Association

Should you shield your boy or girl from sorrow?

By Dr. Arnold A. Fenton

Rector, St. Thomas's Episcopal Church, Mamaroneck, New Yo

"WE DON'T discuss tragic happenings around Roger and Ruthie. When they are older they will be better able to handle suffering and sorrow."

You, like many parents, may have followed this policy of delayed action, in the hope the day will never come when Roger and Ruth must face unhappiness.

But, though we surround our children with a cordon of police, and inoculate them with all the antitoxins, there is no immunity against exposure to pain and grief. There is always the unexpected that so abruptly ends routine happiness, no matter how foolproof our precautions may have seemed.

The fact is that the more mature we become, the greater is our capacity for sustaining shock. Our task is to courageously, wisely, and honestly gear our children to withstand rather than postpone its impact.

Illness and invalidism. The Platts of Westchester have always believed in facing unpleasant facts. Their experience proves that you can prepare your children to do the same.

Nine-year-old Timmy had gone with his mother to visit Mr. Platt, convalescing in the hospital on the fourth day after an operation.

"Go get your sandwich, Mother. I can look after Daddy," Timmy told his mother. And his mother left him, knowing she could depend on him. Five minutes later the father experienced a post-operative flare-up. Coolly and deliberately, Timmy first cranked his choking father up out of a prone position. When a floor nurse failed to respond to the push-button signal, he summoned a private nurse from a nearby room. She administered first aid until an interne arrived.

The Platt children haven't been endowed with unusual powers of self-control or bedside nursing. Just many little things taught in easy stages—helping mother bandage a badly cut finger, nursing sick pups, and the like. The Platt youngsters are destined to become efficient men and women.

Contrast Timmy Platt with Michael, a harmonica prodigy who was enlisted by the director of his club to play for a badly crippled nephew. The director, accustomed to the helpless, distorted figure of his nephew, didn't consider the possible effect on the 11-year-old musician, whose parents had always kept him out of sickrooms.

Michael could scarcely finish his selection. Pale and tottering, he was caught just as he collapsed outside the crippled boy's room. Revived from his fainting spell, Michael confided thoughtfully: "Now I guess I will know a lot more about other people's troubles."

Happenings like this make you wonder: "What will be the total effect of such sudden shocks? Wouldn't my children, like Michael, prefer to learn more gradually?"

Suppose that you or one of your children should meet with an accident, become disfigured or incapacitated? Because such shocks are more personal than injuries to a stranger, the impact is that much greater. To reduce emotional strain and shock, avoid cynicism, and build right attitudes and helpful responses, you should begin a program of preparation when your children are still small. But remember to provide a shock absorber. Disaster and pain, whether seen or heard about, stir up curiosity and rapid fire questions. "Did he scream and cry, Daddy?" Your answer should be softened with a description of the doctor's gentleness, the wonderful nursing, the luxury of special meals, the happiness cards and flowers will bring.

A Better Homes & Gardens child care and training feature

Can't sleep?

Don't count sheep- count on TUMS

Acid indigestion at bedtime may rob you of hours of sleep. Don't let it! Take Tums! No mixing or stirring—slip Tums in your mouth just like candy mints. Almost instantly, Tums relieve heartburn and gas — let you get to sleep faster, sleep better. No baking soda in Tums. No danger of overalkalizing—no acid rebound. Get Tums—get your sleep!



To feel better, try one or two TUMS after breakfast.

-FOR THE TUMMY

ns present "The Alan Young Show"
ery Tuesday night, N B C network

PAIN

of headache, neuritis and neuralgia

RELIEVED

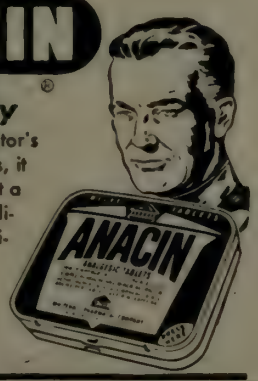
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the way thousands of physicians and dentists recommend—

ANACIN®

Here's why

Anacin is like a doctor's prescription. That is, it contains not one but a combination of medically proved ingredients. Get Anacin Tablets today.



Foot Relief

Instant-Acting, Cushioning Foot Plaster

To instantly relieve painful corns, sore toes, callouses, bunions, tender spots, burning on bottom of feet—use Dr. Scholl's Kurotex. You cut this soothing, cushioning, flesh color, superior moleskin to any size or shape. At Drug, Shoe, Dept. and 10¢ Stores.



Dr Scholl's KUROTEX

And prepare your youngster for an active role in the recuperative stage. "When Billy comes home, here is what you can do."

Utilize the appeal to bravery. How does a soldier conduct himself? What does a nurse do when someone is hurt? When tragedy strikes in your family or neighborhood, the hero appeal is a great fortifier and comforter. "My idol didn't fail, and I won't either."

Children of junior-high-school age should be instructed in first aid and lifesaving. When your children know they are able to help, their horror of pain and injury is lessened and, often, entirely eliminated. If she knows first aid, your young daughter can treat an injured person without flinching. If she's a mere spectator, the sight of blood might make her sick.

Grief through death. You just can't say: "There is death. You had better learn something about it." We have to explain the depth of human love and what anguish the breaking of earthly ties produces. You must carry a child beyond the immediate crisis, assuring him that time will heal the present sense of loss.

Skippy's mother has a wise and graded program for preparing her child to handle grief. She put it into operation last year when little Cathy down the street was burned to death. The ambulance had whisked Cathy away before most of the children in the neighborhood were up. The mothers held a council and settled on an iron-curtain policy—all except Skippy's. She regarded the scheme as flimsy, unrealistic, and a blow to character growth.

With carefully chosen words and explanations suited for a 7-year-old, she muted the tragic news and reduced shock with an incentive to be of assistance: "You could make Cathy's mother a lot happier than I can if you took this cake to her. And think how you could help heal her sorrow if you stopped in for a few minutes each day."

Skippy was thrilled over the prospect of being useful. There wasn't any storm of depression for him to ride out.

A death in the immediate family makes the problem more critical. Just because a 6-year-old girl doesn't shed tears and go around with a bereaved look, don't say "Connie doesn't appreciate what's happened to Mother." Connie may be keeping her grief to herself, which is much worse.

At any stage of child life, grief must be converted into something objective: "Sister would want you to carry on. . . . Dad expects you someday to complete what he didn't finish. . . . Uncle Ted is counting on you." Those assignments can be specific as well as general.

When sadness seems to be too much for Bobby to bear, remind him of some happy or humorous memory: "Remember the time when Auntie took you to the farm . . .?"

Grief through loss of a pet. The loss of a pet may be a child's

[*Turn to page 273*



Gives your furniture a future!

Duran is so much more than just an upholstery covering. Duran is upholstery beauty that gives furniture for every room lasting serviceability and distinction despite hard everyday use.

Duran is all-plastic, luxurious in color, satin-smooth, resistant to wear and scuffing, so easy to clean with a damp cloth.

Make a point of seeing this distinctively different upholstery covering. You'll know it by the Duran tag.

Send for free informative folder with Duran samples.

Only genuine Duran bears this tag.

Furniture manufactured by Selig Manufacturing Co., Leominster, Mass.

THE MASLAND DURALEATHER CO. 3284-90 AMBER ST., PHILA. 34, PENNA.

When he's a varsity pitcher...





... Frigidaire's 10-year Protection Plan will still be guarding this water heater!

Yes, you get *10 full years* of protection when you buy a Frigidaire Electric Water Heater—more years than it takes a fourth-grader to become a college star. And these dependable water heaters are built to give you trouble-free service for years beyond that!

These added years of usefulness are made possible by a wonder-working magnesium rod. Like magic, this rod diverts corrosive elements in the water from tank walls to itself, whether local water is hard or soft—thus checking "pitting," rust and "red water."



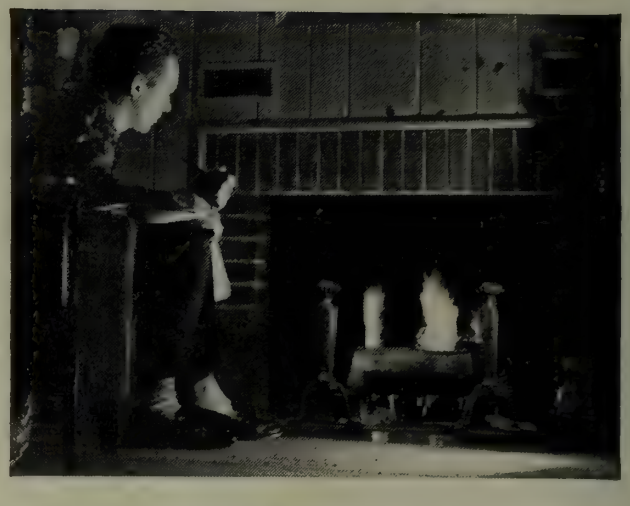
Moreover, the sickle-shaped Radiantube Heating unit is completely immersed, delivers *all* of its heat right into the water, saves current. And it's wonderfully clean, completely automatic—no flame to tend, no soot to clean! You can actually forget it completely for months on end.

Choice of table-top or round upright models; 30 to 80 gallon sizes. See them now at your Frigidaire Dealer's. Find his name in Classified Phone Directory. Or write Frigidaire Division of General Motors, Dayton 1, Ohio. (In Canada, Leaside 12, Ont.)

Listen to Frigidaire's New Lum and Abner Show Sunday nights, CBS.

FRIGIDAIRE
Electric Water Heaters

Do you want



YES

I WOULDN'T build a house without a fireplace. Sup pose it does cost $500, or even $800. You can't put a pric tag on the things a fireplace stands for.

I have three good reasons for wanting a fireplace. Senti ment is the first, and it's a good enough reason to outweigh al arguments against it. A house without a fireplace is cold— not frigid, but barren of warmth. It looks as if something i missing. Something is—a gathering place for the family.

If you think back to your childhood, you will probabl find that many of your recollections are of storytelling in fron of a crackling fire; of roasting potatoes or marshmallows i the coals; of slowly growing drowsy from watching th flames; of hanging stockings at Christmas; of thawing ou stiff fingers and toes after playing in the snow. The flavor c memories of home is gone without the mental picture of fireplace to hang them on.

Lighting the fire in a fireplace is almost always a signa to the family to come running. There's something magneti about the popping of a wood fire, the smell of smoke, th dance of the flames. It eases tension and draws the famil together. It's an anodyne that melts the lines of strain fro your face, and makes you feel better and sleep better.

YOU hear some people say that a cord of firewood cos more these days than they want to spend. You'll find tha these same people don't think twice about spending tha money for movies, and going out in the cold to see then

The second reason I want a fireplace is as a source emergency heat. It isn't often that your main heating pla fails to perform its chore, but when an ice storm cuts o your electricity, when a burner becomes clogged, or whe your boiler or furnace won't go, you're in for a cold evenin If you have fuel, you can always get heat from a fireplac

On late spring or early fall evenings, when the temper ture stays around 55 degrees, room temperatures drop slowly that there is a long interval between the times whe your heating plant comes on. The steady heat of a fireplac keeps the temperature constant.

My third reason for wanting a fireplace is for looks. Fro a design point of view a chimney gives an appearance strength and of hominess to a house, no matter what i size. It also serves as a focal point—an anchor around whic a house can be built.

That's my side of the story. When I want to be warme I want to warm my spirit, too. ***Ted Haz***

a fireplace?



Pease

NO

THE average fireplace, chimney and all, costs about $500 to build. And it's one part of a house that won't give you your money's worth.

Sure, I'm sentimental. I like to sit around the fire on a cold evening, and watch the flames and maybe roast marshmallows or pop corn. But I'm also hardheaded, particularly when it comes to money. And there are a lot of places where you and I could make good use of 500 bucks.

Look at it this way: You spend a lot of money for a fireplace. You use it maybe once a week five months a year. If you use it more often—few families do—you must add cost of the fuel you use to your original investment. And with wood and coal at present prices, you can't ignore fuel cost.

YOU may save a little on your fuel bills, because a fireplace does give out heat. But that, too, is a drawback. It heats one room, usually the living room, where your furnace thermostat ordinarily is placed. The heat from the fire keeps your furnace off or running at slow speed, and by bedtime you're nicely toasted, but your bedrooms are about 40 degrees colder. That's a fine way to catch cold.

A fireplace is dirty. Nothing burns without leaving an ash except gas logs, and if that is what you have, you might just as well burn the gas in your furnace and heat the whole house right. In most fireplaces you have to get down on your hands and knees to clean out the ashes. And if you don't have an ashpit, you run the risk of spilling ashes all over the house before you get them outdoors. If you have an ashpit, remember you have to clean it once in a while, too.

HOUSES used to be designed with the fireplace as a focal point in the room, most often flanked by bookshelves and topped by a fine Colonial mantel. But in these days a picture window, a sofa, an arrangement of pictures, or an unusual furniture grouping can be a strong focal point, and also can be useful the year around. On the days you have a fire, a fireplace makes a fine focal point. But what is attractive about a pitch-black hole in the wall the rest of the year?

No fireplace is entirely airtight, and every chimney is drafty to some extent. As winds sweep across the top of your chimney, they suck air up the flue—warm air from your house. In the same way about 40 percent of the heat of a fire goes not into the room but outdoors.

You can have your beautiful fireplace. I would rather pocket the saving.

Mort Reed, Jr., A.I.A.



Add New Comfort and Fuel Economy with the CHAMBERLIN SYSTEM!

America's greatest values in

★ WEATHER STRIPS ★ STORM WINDOWS

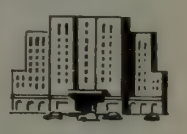
★ ROCK WOOL INSULATION

You'll never know how comfortable your present home can be, until you take advantage of the "Chamberlin System." No matter how old your home is, Chamberlin can bring you the comfort, fuel savings, downright enjoyable indoor living climate of a new home. Chamberlin does this because only Chamberlin has 52 years' skill and experience installing all three: wall-thick ROCK WOOL INSULATION, for winter warmth and summer coolness; rustproof metal WEATHER STRIPS tailor-fitted into windows and doors by experts to halt drafts, rain, dirt; and handsome, attractive, all-metal STORM WINDOWS that permit easy insertion of screens in summer . . . quick-change from inside your home! "The man to see, knows all 3."

Only nation-wide Chamberlin, with 40 factory branches, 1,000 factory-trained mechanics and a policy of *undivided responsibility*, offers you all three home-comfort services. Only Chamberlin has 52 years of experience and an outstanding record of bringing maximum indoor comfort, plus high fuel savings, to nearly 3 million homes and buildings. Proper installation is half the job . . . Chamberlin does it right! You buy only once in a lifetime . . . play safe! Have the job done by Chamberlin! Terms available. Call the Chamberlin Man today! (See phone book.) Or mail coupon below!



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Owners and managers of hotels, schools, institutions, stores, theaters . . . every type of building . . . report large fuel savings, added comfort through the "Chamberlin System." Write for facts.

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OVER 50 YEARS OF SERVICE
CHAMBERLIN
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☐ Please mail free book, "A Guide to Home Comfort"

Please send Chamberlin Man to make free survey (at no obligation) on ☐ home or _____ (type of building)

Now own ☐ Now building ☐ Student Data ☐

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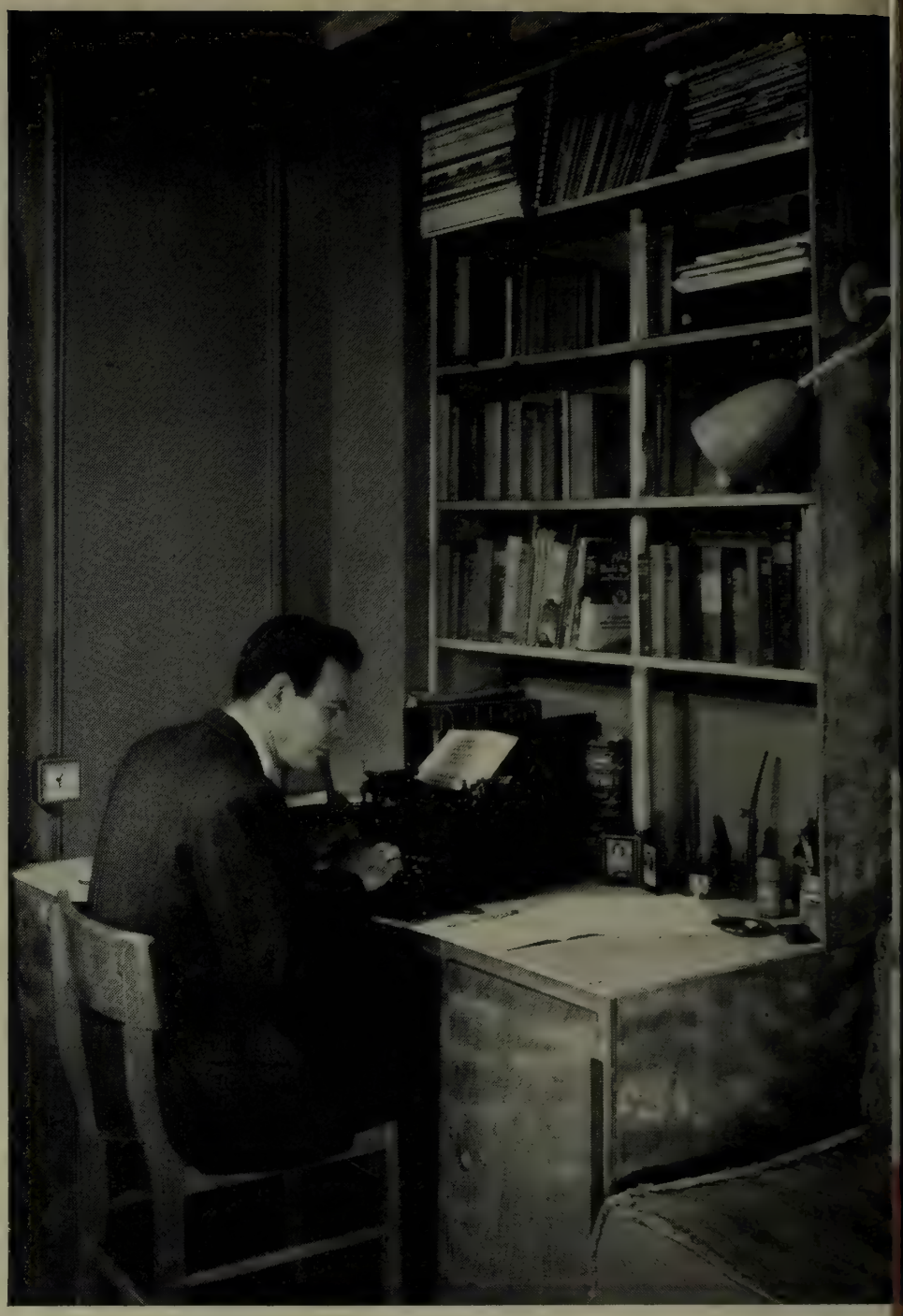
Turn carpenter yourself

—and make your own custom-built furniture

By Hoyt Allen

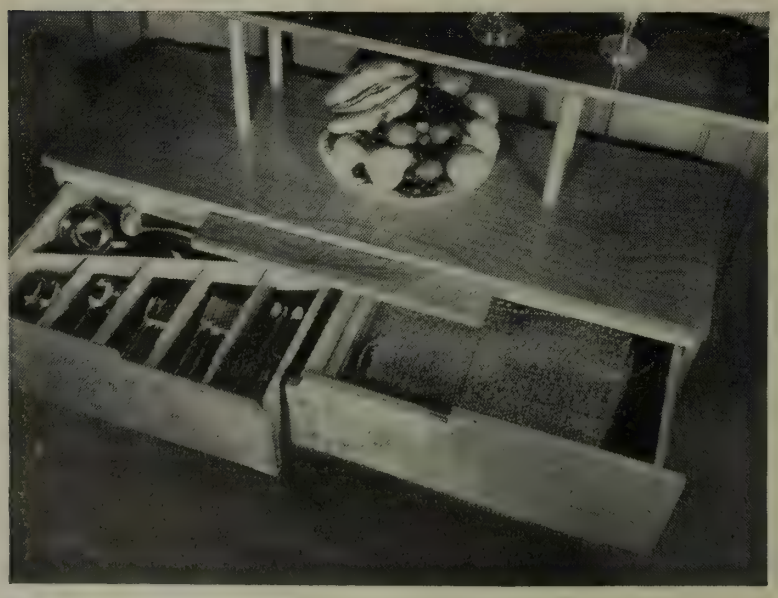
WITH your hammer and saw, you can turn out professional-looking furniture for your own home. Cabinets, desks, bookshelves, simple tables, even straight chairs are furniture-making jobs you can handle. Simplicity is the key to modern furnishings—and functional, simple-lined furniture is the kind that's easiest for you to make.

By designing your own furniture you can also avoid carpentry problems that might be too hard for you to solve yourself. If you don't want to tackle fitting drawers, for example, you can work out a shelf arrangement that will serve just as well. [*Turn to page 134*



Bookshelves and desk cost about $81. Shelves capitalize on dining-room corner space clear to the ceiling. Pole through the center of each shelf makes an adequate br without any nails or screws. The more shelf sags, the tighter it pinches the p

Photographs: William F. How



Buffet drawers were arranged to make the most of limited space. A partition (left), angled to fit silver pieces, takes advantage of space usually wasted at the back of the drawer. Sliding shelf in the top brings waffle iron within serving reach yet keeps it off the dining table

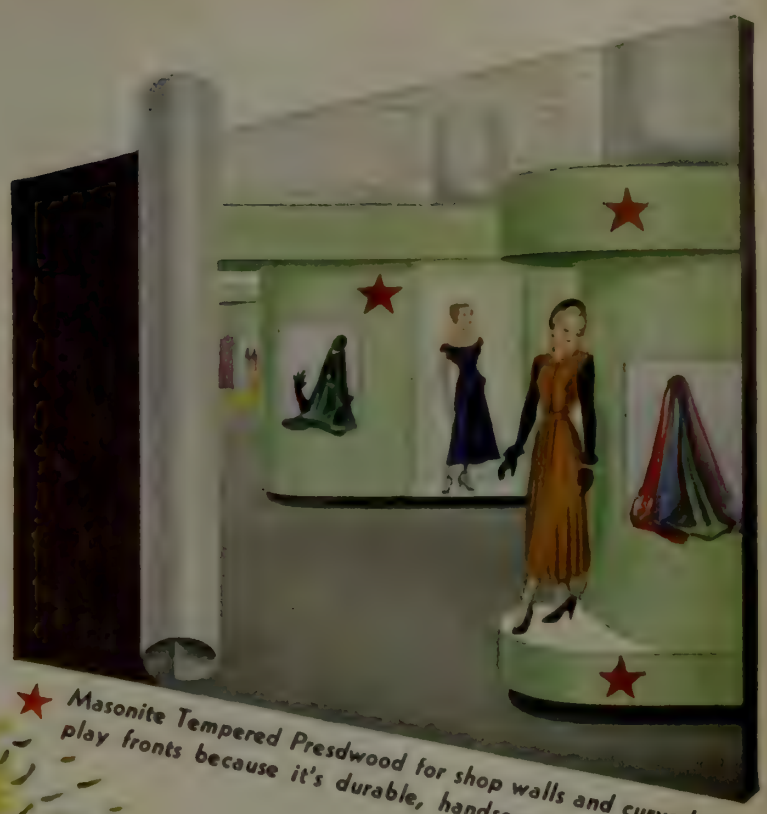


Buffet cost $58.50 for wood—and turned out to be my most ambitious carpentry experiment. Leaving plywood edges exposed cut costs and work. Putting shelves below kept drawer-fitting to a minimum. Top shelf is finished to match the buffet, but it can be used as a serving tray

ASONITE BRAND PRODUCTS MAKE 1000 THINGS BETTER



r door panels, Masonite Tempered Duolux holds paint beau-fully. Masonite Presdwood walls and ceiling won't crack.



★ Masonite Tempered Presdwood for shop walls and curved dis-play fronts because it's durable, handsome, easily installed.

OM EXPLODED WOOD

TO VERSATILE HARDBOARD



Masonite Leatherwood has the rich appearance of fine leather, is handsome, distinctive on walls and counter front.



THE SEAL OF QUALITY—Produets bearing this seal have added value because Masonite Brand Products are used in their construction.



★ Moisture won't harm walls or wainscoting of Masonite Tempr-tile; it's economical, easily installed, finished and cleaned.

hat's it made of?" you ask when you go to buy something. "What erial shall I use?" is your question when you're ready to build or odel in home or shop.

In either case, when the answer is "Masonite Presdwood," or any r Masonite Brand Product, you know you are certain to get quality. sdwood is the amazing hardboard that American manufacturers, ders and architects have been using for over 20 years to make er things and to make things better for you.

Presdwood is all wood, with all of natural wood's valuable characteristics plus many more. It comes in grainless, rigid panels of uniform density, strength and stability. Presdwood's incomparably smooth surface takes and holds virtually any finish. It's easy to handle, easy to work with ordinary tools, can be drilled, routed, die-cut, laminated. It won't twist, shrink or crack, and it resists moisture permanently.

Get Masonite Brand Products at your lumber and building materials dealer. For interesting literature write Masonite Corp., Chicago 2, Illinois.

MASONITE PRESDWOOD *the best wood*

ite," "Presdwood" and "Temprtile" are registered trade-marks. "Masonite" signifies that Masonite Corporation is the source of the product.

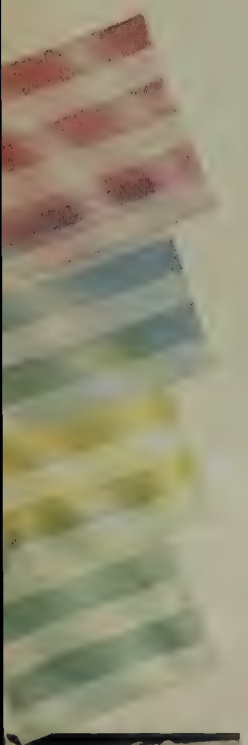
©M.C. 1949



Accessories courtesy Protex Products Co.

Here's the key to your dream closet!

VINYLITE BRAND PLASTICS! Now, open the door to a world of beauty and convenience with these smart, coordinated closet accessories made by Protex Products Co. of "Vinylite" Brand Plastics! They give clothes, blankets, comforters protection from dust and moths, keep them easily accessible in a minimum of space and make your closet look lovely! Select closet accessories made of "Vinylite" Plastics now—at better stores everywhere. Pronounce the trade-mark "Vine-na-lite."



- ★ *Moth- and dust-proof when properly closed*
- ★ *Lastingly pliant—thus longer-wearing*
- ★ *Wipe clean with a damp cloth*
- ★ *Resistant to fading, crazing, mildew*

You know it's right if it's...

Vinylite PLASTICS

For top performance in closet accessories, handbags, rainwear, toys and other attractive things, it is important to buy only products made of plastics produced by a reputable manufacturer—plastic film by Bakelite Corporation, for example. Always look for the "Made of VINYLITE Brand Plastics" signature on things you buy.

BAKELITE CORPORATION
Unit of Union Carbide and Carbon Corporation UCC
30 East 42nd Street, New York 17, N.Y.

Exclusive with Protex, the patented Openmatic* feature opens itself when you "unzip," *stays* open, leaving both hands free to select garments. Zip it closed as usual. All accessories available in "Lido Stripes" (above) and pastel colors, as well as darker shades for men.

*Reg. U. S. Pat. Off.

Turn carpenter yourself

Home-built furniture cuts furnishing costs way down. I know. Two and a half years ago I took up carpentry. Since then I've saved over $800 by building four storage pieces myself instead of turning them over to a professional carpenter. Bookshelves cost $81 against a $265 estimate; dish cupboard cost $52 against $275; buffet cost $58.50 against $345; and nursery storage cost $47 against $268.

And you don't need to apologize for making your own furniture, either. Not only are you saving money, but you're getting pieces that actually fit your space and needs, pieces that are tailored to suit your taste.

Try carpentry in your spare time

Whatever the project you decide upon, you're the one to be pleased. There's no hurry, no boss, no due date, so you can relax and take your time about finishing it after work and on Saturdays.

You don't know the first thing about carpentry? Fine. Then you bring a brand-new viewpoint to carpentry.

A bumblebee can't fly; his body is too heavy for his wings. But a bumblebee doesn't know this, so he flies along beautifully.

You don't know you're not a carpenter, so go ahead—make something. All you'll need is wood, a handful of tools, and patience. I use my kitchen for a workshop, but we've never had a complaint from neighbors because I do all the sawing in the daytime and put the pieces together with screws.

Buy tools as you go along

Get one or two tools at a time as you need them. That way you'll build up your toolbox without spending a large lump sum. I got all the tools I needed for my furniture building for about $40—and saved enough on the bookshelves to pay for them. Here's my list, to give you an idea of what you might need:

Crosscut handsaw
Small all-purpose saw
Claw hammer
Ratchet screwdriver
Brace
Expansive wood bit (to make holes for door and drawer pulls)
Chuck hand drill and assortment of bits
Two wood chisels—½ inch and 1 inch
Adjustable combination square
Six-foot folding rule
Pliers
Medium rasp
Two files—coarse and fine (also used as rasps)
Rattail file
Wire brush

[*Turn to page 137*



Dish cupboard cost $52 to build. It's sized to fit a narrow space in the kitchen and still hold a full set of dishes—plus odd serving pieces. The inside of the cupboard is neatly partitioned off so each dish has its place. Dishes with a raised design are stored in grooves. Middle door opens down to form a serving shelf; brass chains at the side hold it steady

...ines on page 132



Outshines them all!



Sold by grocery, hardware, variety, drug, paint, 5 cents to $1, auto accessory and department stores—and by linoleum dealers everywhere.

PINT **59c**

Costs less to use because it lasts longer!

Self-Polishing Simoniz gives floors an amazing sparkle that *lasts* and *lasts*. So easy to apply, too—just spread on with an applicator. It shines as it dries without rubbing or buffing!

THE SIMONIZ COMPANY, CHICAGO 16, ILLINOIS

SELF-POLISHING SIMONIZ FOR FLOORS

FOR LINOLEUM, FINISHED WOOD, ASPHALT OR RUBBER TILE



Illustrated is Masland Imperial Argonne No. 19

For the Best Years of Your Life

It costs so little, it lasts so long, it stays so lovely. That's what Young America will tell you about Imperial Argonne, the Masland broadloom rug that's keyed to young budgets and young decorating ideas.

Only the Masland Imperial Argonne has all these plus values:

• Glorious colors that make decorating easy. • "Locked in" all-wool pile, adding years of life.

• A shock-absorbing latex back that cushions footsteps... prevents skidding... makes vacuum cleaning a breeze

Tuft for tuft the Imperial Argonne will stand up against rugs that cost two and even three times as much.

See the Masland Imperial Argonne at your favorite store. Through the new Masland invisible seam process, it is now available in 18 foot, 15 foot, 12 foot widths, as well as the regular 9 foot width.

For our free booklet, "Young America At Home," just drop a postcard to C. H. Masland & Sons, Dept. BH-7, Carlisle, Pa.

ALWAYS BETTER THAN NEED BE

MASLAND

MASLAND

Imperial Argonne

THE BROADLOOM RUG WITH THE LATEX BACK

Turn carpenter yourself *Continued from page 135*

Strong pocket knife
Countersink bit
Nail set (to countersink nails)
Awl (to start screws and bits)
Sandpaper and steel wool
Can of plastic wood.

Start from sketch

Designing the furniture is part of the fun—especially when you pull out all the stops and let your genius take over. By all means let your wife get into the act. She'll have ideas about how to arrange shelves or open doors.

The simplest way to design furniture is to let the use determine the shape. Available space will usually dictate the size. Then, with shape and size in mind, sketch the furniture. Start from the outside and work in.

Your home-built furniture need not always come out in the ultra-simple rectangles mine seems to. And you can dress your furniture with a wide variety of ready-made moldings and any number of stains or finishes.

Dawdle over your roughs as you choose. You'll be surprised at the ideas that come out of you, who don't know the first thing about building.

Make a scale drawing, too, for details

For simple pieces rough drawings may be adequate; for something more tricky it's a good idea to work out construction details in a scale drawing.

Plenty of square scale paper and a T-square or ruler are all the drawing tools you'll need for figuring how to build simple shelves or miter corners.

But if you're planning to make a more elaborate piece of furniture, or want the fun of puttering with detailed scale drawing, here is the equipment you'll want to have:
20x26-inch drawing board
24-inch T-square
8-inch transparent triangle
Pad of 18x24-inch tracing paper
Compass
Thumbtacks
Ruler
Hard and soft lead pencils.

Scale drawings give you an accurate idea of how the finished piece will look and how it will work. They also help you figure out the kind and amount of lumber you need and how to fit the boards together economically.

Study other home-built furniture for ideas

Pictured here are a few of the pieces of furniture I made. Perhaps they'll suggest cupboards or shelves you could use in your own home. Maybe you'll see an idea you can adapt. You're building to please yourself, remember, so rehash your plans for weeks if you like. Make what you want, as you want it — it'll be furniture exclusively *yours*.



Nursery unit cost $47, and keeps everything baby wears near the crib. Instead of trying to fit regular drawers, I hung them on a side pole so they swing out from side to front. Sliding doors at top push open easily

Wicked mince

As late as the early eighteenth century, many Europeans believed that mince pie was first baked by the Devil himself, and that eating it was a carnal sin. The ungodly openly boasted of their fondness for the exotic pastry, but few clergymen dared risk their reputations by so much as tasting the "wicked" dish.—*Webb B. Garrison.*



Pieces from the Northcourt Group

Grace YOUR BEDROOM

. . . . Grace your bedroom with the new Northcourt Group by Drexel. "C" and "S" scrolls, bracket feet, and bow fronts reflect the French influence on Chippendale, and give your bedroom an air of regal restfulness.
Beautiful Drexel cabinet-maker extras like dust-proofing and feather-touch drawers make this charming collection a sensible choice.
See the new Northcourt Group by Drexel at leading furniture and department stores. Look for the "by Drexel" brandmark—proof of fine craftsmanship.

Write today for booklets: "Traditional"—26 pages—10c in coin; "Precedent" and "Alone or Combined"—2 booklets illustrated with full-color drawings and photos of Drexel's contemporary furniture—25c in coin for the pair. Address: 372 Huffman Rd., Drexel, N. C.



by Drexel
Drexel FURNITURE COMPANY
DREXEL, NORTH CAROLINA
WORLD'S LARGEST MANUFACTURER OF QUALITY BEDROOM AND DINING ROOM FURNITURE





Chicken a la King served over a crisp Swedish rosette makes this a party plate for your dressed-up luncheo

frankly fancy

Rosettes for party plate

THESE dainty rosettes look like fancy tearoom fare, but actually they're easy to make. Use them at your parties for creamed fish or chicken, hot vegetables, salad, or dessert.

You can buy Swedish rosette irons and heart-, diamond-, and butterfly-shaped timbale irons now. At the right we give you the recipe for the batter and below show how to make rosettes.

Batter

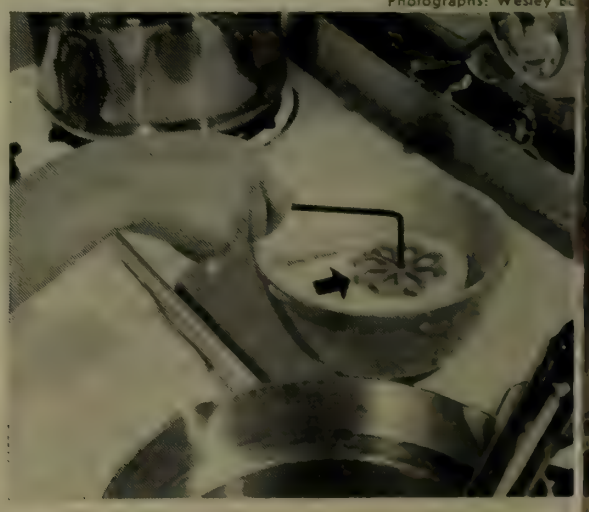
¾ cup enriched flour
½ teaspoon salt
1 teaspoon sugar
½ cup milk
2 beaten egg yolks
1 tablespoon salad oil

Mix dry ingredients; add milk and egg y gradually; add salad oil. Mix well. Cover let stand 1 hour or until all bubbles are gon

Photographs: Wesley Bo



1 Heat fat in French-fry kettle until the thermometer reads 370°. Hold rosette iron in deep, hot fat for 2 or 3 minutes to heat; drain thoroughly on absorbent paper



2 Dip hot iron into batter—1/16 inch from top of (see picture). If batter does not stick, iron is too or too cool. You will soon learn when it is just

Steps 3, 4 on page 140



QUESTION: CAN I AFFORD A BEAUTYREST?

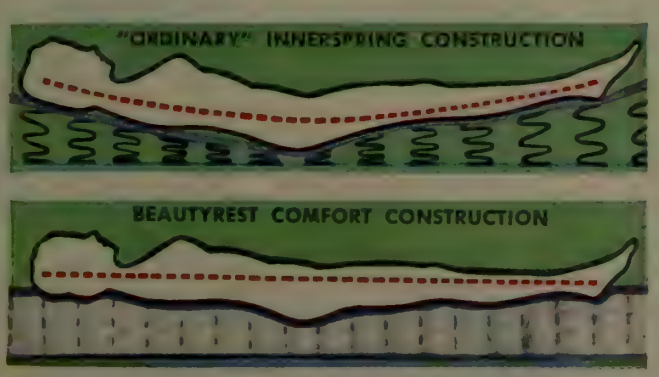
ANSWER: CAN YOU AFFORD ABOUT 1½¢ A NIGHT?

id you ever look at it this way? Is a penny and
a night too much to pay for the healthful, re-
ng *luxury rest* Beautyrest gives you?
llions of Beautyrest owners say it's worth *more!*
re's the simple arithmetic of it. Beautyrest costs only $59.50, and it's guaranteed for 10 years. Divide 10 years by $59.50—and it comes out to *only about 1½¢ a night!*

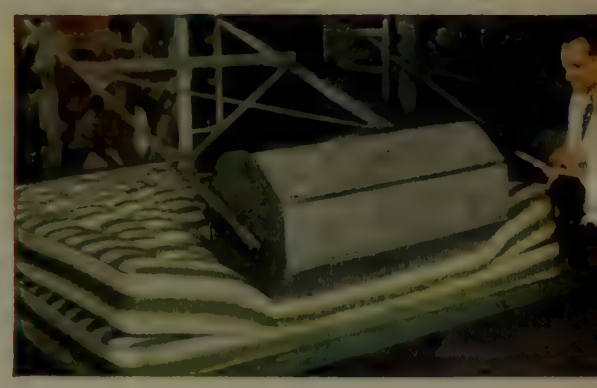
So don't dream about owning a Beautyrest. Get one today. It's a wise investment in good living!



eautyrest water-glass test. Glass stays
ly, even when surrounding springs are pressed
n. Here's why: Each Beautyrest coil spring is *in-
dually pocketed.* Springs can't touch each other,
force each other down. Result: *No hollows.*



3. See the amazing difference! "Ordinary" mattress springs are wired together, can pull each other down—often causing uncomfortable *sag.* But Beautyrest springs are *not* tied together. They *can't* sag! They "give" in the right places. Result: *luxury rest!*



The "indestructible" mattress. In United Sta
Testing Co. laboratories, a 275-lb. roller poun
Beautyrest 740,744 more times than any other m
tress tested. The score: Beautyrest lasts *over tw
as long* as the next best mattress tested!



Beautyrest stays beautiful for the life of the m
tress! No-sag edges and pre-built border protect
trim lines. Coils are built in to mattress' edge, giv
you mid-mattress comfort right out to the edg

Only SIMMONS makes BEAUTYREST*

ALSO FROM THE HOUSE OF SIMMONS—the greatest name in bedding: Hide-A-Bed—the sofa that doubles as an "extra bedroom." Electronic Blanket—a new defense against colds. Deepsleep Mattress—a fine Simmons mattress at a lower price. Babybeauty Crib Mattress—made to doctors' specifications. Ace Spring—the modern spring for the modern mattress.

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SLIP COVERS

All ready to put on—covers in flower-gay fabrics with correlated stripes and solids to chime in with every decorating scheme. So many styles that you can find the mate for practically any sofa or chair. AND!—with three extra-thoughtful features to make fine fit *triple* sure. All at dream-low prices—

For chairs, about $4.98 to $13.98

For sofas, about $9.98 to $27.98

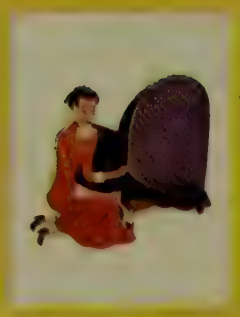
(Slightly higher west of Rockies)



1. *Patented elastic action back made with Lastex yarn pulls fabric taut—hugs it to your furniture.*



2. *Z-z-z! goes the zipper closure—and you have a smooth, flat fastening. Usually found only in custom-mades.*



3. *Sta-Fast adjustment anchors cover to your furniture—no twisting, sliding or creeping.*

Sure-Fit DREAM HOUSE Slip Covers

At good stores everywhere . . . For name of your nearest dealer, write
SURE-FIT PRODUCTS COMPANY, 353 FIFTH AVENUE, NEW YORK 16

Rosettes for party plates

Begins on page 1.



3 Fry rosette till it's a delicate brown. This takes about 40 secon Invert iron above fat to drain. Ease rosette off iron with fork; place absorbent paper. Reheat the iron in fat before making next rose



4 With a scoop of ice cream, crisp rosettes make a party desse Rosettes can also be dusted with confectioners' sugar while they c still warm and then served as cookies with mugs of hot chocolc



Timbales can be made with the same batter as the rosettes. Follow tl same steps. Fill the timbales with vegetables or creamed fish or chicke The recipe on page 138 makes about 2 dozen rosettes or timbale cas

The center of attraction at our house!



INTERNATIONAL HARVESTER REFRIGERATOR

—draws friends and family like a magnet—it's so marvelous! Extra-big inside to hold more . . . special features for extra convenience . . . food protection!

It's love at first sight! This big, handsome 8-cubic-foot model makes e-v-e-r-y-b-o-d-y happy! It's the cold refrigerator with the warm heart! And it's got everything—pedigree, personality, purpose! This Super De Luxe is *the* quality refrigerator because it's built to IH *perfection*-standards. *Extra-big* inside to hold large economy amounts of food. And so easy to live with, for the IH *flexible* shelves adjust to fit *your* food-habits. Here's *more* shelf area . . . *more* crisper-storage space . . . *bigger* freezer-locker . . . *roomier* meat-drawer . . . "Tight-Wad" mechanism operates for a pittance, under a 5-year protection plan.



IH REFRIGERATOR RECIPE
French Strawberry Pie

Add 1 cup sugar to 1 quart washed capped berries; let stand in refrigerator 1 hour. Soften 1 envelope gelatin in ¼ cup cold water. Press half the berries, all the juice through sieve. (Add water to make 1½ cups.) Add ½ cup sugar; 2 tablespoons lemon juice; heat to boiling point; add softened gelatin. Add red food coloring. Chill till mixture begins to thicken. Arrange remaining whole berries in baked 9-inch pie shell. Cover with gelatin mixture. Chill until firm. Top with sweetened whipped cream.

For *Recipe Book*, write International Harvester Co., Dept. H, 180 N. Michigan Ave., Chicago 1.



INTERNATIONAL HARVESTER FREEZER

How to cut your kitchen-time in half! Not a riddle, a reality! This huge 11.1-cubic-foot glamor-girl of home freezers puts meals on your table that taste divine. And quicker than you can say, "Soup's on!" Yes, you can whip up dinner on the double, or any meal, in a matter of minutes. Because beneath this glacial glamor you keep 385 pounds of meat, vegetables, fruit, and other food that you freeze and store right at home. Save time and enjoy fabulous food, thriftily—this easy IH way!

See International Harvester Refrigerators and Freezers at your IH dealer's today!

Listen to James Melton on "Harvest of Stars," CBS, Wednesday evenings

INTERNATIONAL HARVESTER

Refrigerators • Freezers

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Wondering if hostess quality and value go together these days? Stop wondering —and buy Haynes*! Here are rugged, long-wear features, luxurious terry, lovely colors, *plus* a tempting price tag! Here is quality you can afford to own —and give. Visit your favorite store today. Ask for Haynes* guest towels, bath towels, wash cloths, and attractively packaged gift ensembles.

Haynes

LUXURY TOWELS AT POPULAR PRICES

A Cone Product



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Ten tips on refrigerator care

Whether your refrigerator is shiny new or has that middle-aged sag, you can use these maintenance ideas

By Richard Hanscom

THE lines of your refrigerator may be somewhat dated, like last year's dresses. But whether your refrigerator is new or old, you can keep it looking better and working more efficiently with a reasonable amount of periodic care. And you'll be happy to learn that such care is easy on your pocketbook.

Here are 10 tips on refrigerator care to help you do the job well and with a minimum of effort. You can apply all of these tips without special skill or equipment. Each of them will mean longer life, better looks, or increased efficiency for your refrigerator.



To clean enamel surfaces on your refrigerator, use a damp, soapy cloth, rinse, and dry thoroughly. Stubborn stains can be removed with cleaning fluid, or use the special cleaner recommended by the refrigerator maker. Don't use gritty soaps, acids, abrasives. Protect surface with a coat of household or auto wax and polish to a gloss with a soft cloth

Photographs· Hanscom



ouching up small scratches ill improve appearance and rotect the exposed metal gainst rust. On an enameled abinet, use touch-up enamel, pplying it with a small brush. e sure surface is clean and ry. Hide scratches in porcein finish with porcelain laze, sold by hardware stores

More on next page

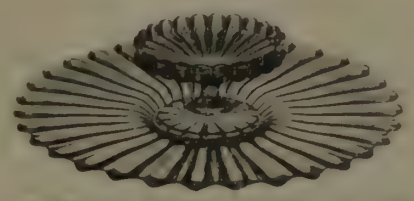


crystolite is *Simply* beautiful...

Crystolite is so exquisitely simple—so truly functional in design—that it's equally charming in a lovely period setting or with fresh modern furnishings. Hand-wrought from the finest glass by America's best glassware craftsmen, *Crystolite* has the poise for special occasions, the durability for everyday use, and it's surprisingly inexpensive. This brilliant pattern is available in a complete line of table pieces, decorative accessories, and stemware, at better stores everywhere. A. H. Heisey & Co., Newark, Ohio.



3-LIGHT CANDLESTICK WITH VASE



SANDWICH PLATE WITH FOOTED COMPORT
(for crackers and cheese)



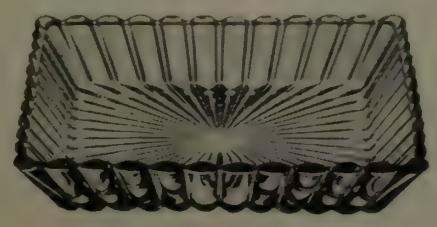
COVERED CANDY BOX



CLOVER-LEAF RELISH



ASH TRAYS AND CIGARETTE BOX



GARDENIA BOWL



NEW GUIDE FOR THE BRIDE *and other home planners who want authoritative information on the proper selection of glassware, china and silver, is available in a handy booklet entitled "Choosing Your Crystal Pattern." Send only 10c to Dept. A and your copy will be sent immediately.*

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HAND-WROUGHT CRYSTAL

THE FINEST IN GLASSWARE, MADE IN AMERICA BY HAND





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The widespread use of Ponderosa Pine for building purposes is due to its uniform texture and exceptional workability. In house and commercial building, Ponderosa is very often used for sash and frames, doors, and general millwork.

WOOD . . . most widely used of all building materials

is now made still better with penta- chlorophenol

Wood has richness and warmth . . . as a natural beauty all its own. Wood has structural and natural insulating advantages unavailable in other building materials. Wood's economy, versatility and easy workability make it the ideal building material for *your* house.

Where decay and termites are present, safeguard your wood with PENTAchlorophenol. "PENTA" is a preservative that effectively protects wood from decay and termites.

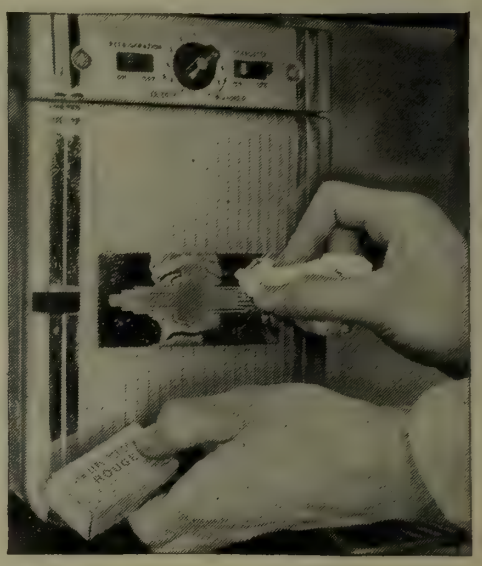
Use "PENTA"-treated lumber in "critical" areas—flooring, joists, rafters and roofing, frames and sash . . . places that are extremely susceptible to decay and termite attack in almost any part of the country. In this way, you can take full advantage of the beauty and economy of wood . . . with fullest confidence that *your* home will be a *safe* and *long term* investment.

THE DOW CHEMICAL COMPANY
Midland, Michigan

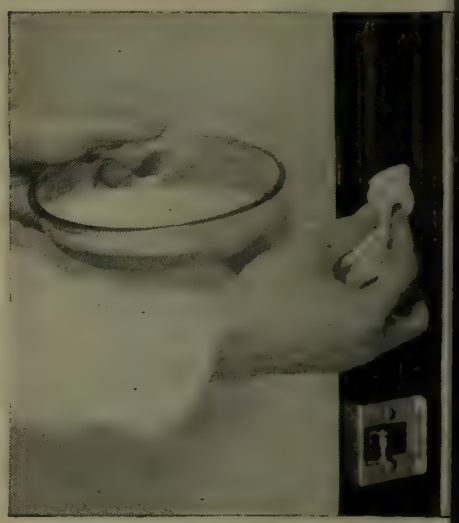


Refrigerator care

Begins on preceding page



All metal parts need to b polished regularly, both f appearance and to preve possible rusting. Do the jo with jewelers' rouge, whic you can get at hardware an jewelry stores, or use silver chromium polish. Apply wi a soft, dry cloth and rub vig orously. Ice-cube trays nee cleaning with warm, soap water. Don't use an abrasiv scratches may make cubes sti



Door gasket should be cleaned regularly, as any accumulation of food grease will damage the rubber. This seal must be in good condition to keep heat out of the box. Wash the gasket at least once a month with mild soap or a detergent and water, followed by rinsing with clear water. A dusting with talc stops sticking



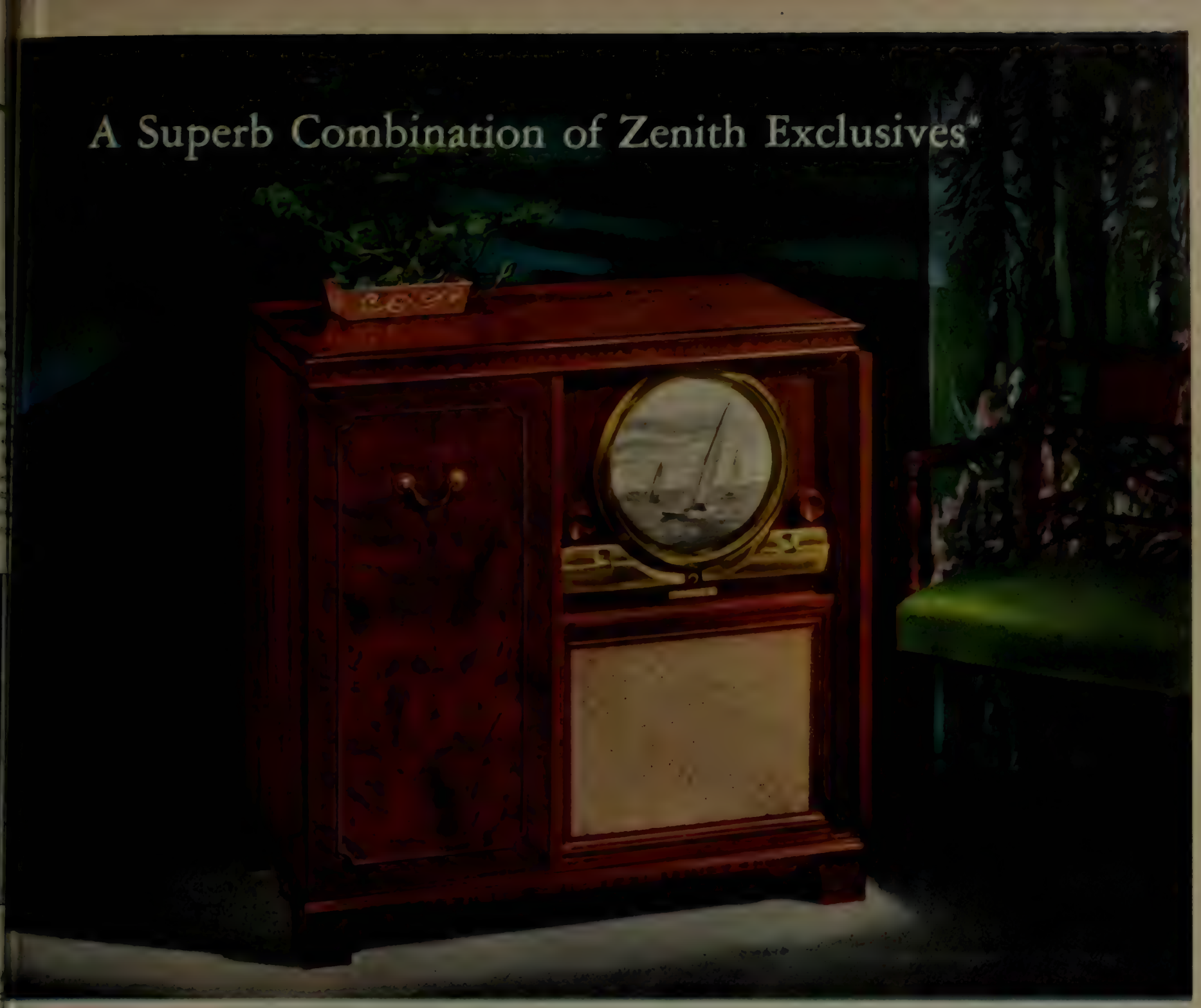
Some refrigerators were d signed so the rubber gasket the door can easily be placed when it deteriorates. the design of your refrigerat permits, take out screws hol ing corner plates, side stri and center plate, and remo the old gasket. Note how was fastened on, and repla it the same way, using a ne pre-cut gasket from your de er. To make the job easi take the door off by slippi hinge pins out. If this j seems too involved, call serviceman. He'll do it quic



To make a door swing easily and smoothly, slip the hinge pins out one at a time. Then puff in a little powdered graphite, sold at both hardware and auto-supply stores. Use graphite as lubricant because it doesn't collect dust

More on page 146

A Superb Combination of Zenith Exclusives*



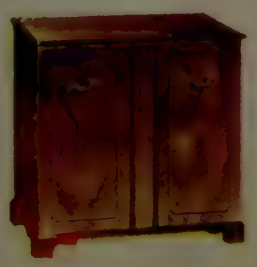
*ZENITH TELEVISION

SO SENSATIONALLY DIFFERENT IT DEFIES DESCRIPTION. Only Zenith† Television has the GIANT CIRCLE SCREEN . . . the *largest*, brightest, clearest direct-view picture area in any set of similar size . . . and BULLS EYE AUTOMATIC TUNING—one knob, one twist, there's your station, your giant picture, your sound. These Zenith developments are found in no other television set. You must see it—operate it—yourself—to appreciate the startling difference!



***ZENITH "TWIN COBRA" TONE ARMS.** Now two famous Cobra† Tone Arms—the sensational new way to play records! One Cobra Tone Arm for the new 45-minute Long-Playing Records. Another Cobra with famous Silent-Speed Changer, for regular records.

***ZENITH FM-AM RADIO.** A superb full-powered radio—combining Genuine Zenith-Armstrong FM for static-free, "living broadcast" tone, and famous Zenith AM, for powerful, long-distance reception.



The Zenith GOTHAM
Zenith Television, Twin Cobra Record Changer and FM-AM Radio are combined in this console of breath-taking beauty in imported mahogany veneers. Available with Zenith "Big B" television screen. See it at your Zenith dealer's.

†®

ZENITH TELEVISION and long distance RADIO

©1949

ZENITH RADIO CORPORATION, CHICAGO 39, ILLINOIS



Treasure Chest of Sweeter Song

The "pieces of eight" and "Spanish doubloons" are a wealth of tempting seeds—and watch how eagerly "Pirate Pete," your canary, goes for them! And when he discovers those priceless "gems"—in the Bird Biscuit—his happy song will thrill you as never before.

For the sweetest song is *in the Biscuit,* a plus in every package of French's Bird Seed. Together, the Seed and the Biscuit make a *complete* diet of twelve tested ingredients—the only kind of diet that keeps your canary in really buoyant health.

Your canary *wants* to sing, but he can't sing his best on a few ordinary seeds. Make it easy for him with French's Bird Seed and Biscuit. Feed this "Treasure Chest of Sweeter Song" *for just ten days;* then listen for his rich new notes!

This Plus in his diet puts Song in his heart



French's

BIRD SEED *and* BISCUIT

The Largest Selling Bird Seed in America

Refrigerator care

Continued from page 1



Light oil placed on the do catch, plus the lubrication hinges, should make it possi for you to close the door w out slamming it. Avoid gett oil on the gasket; like gre it will make rubber deterio



Door latch may be adjustable. If so, loosen adjusting screws and close the door. Press on the door until there is no space between the box and the rubber gasket. Then the latch should be in the right position. Open the door, tighten the screws, and recheck to be sure



Heat-transfer coil on the b of an electric refrigerator be kept clean if the unit function efficiently. Clea periodically with an old pa brush, with the brush att ment of your vacuum clea or with a cloth moistened a few drops of furniture po Make sure there is ventila so the motor doesn't overl



The electric-plug connections should be inspected to make sure that a good contact is being made. As this connection is more or less permanent, the contact points may become oxidized. Clean them every two or three months with a file or sandpaper, so that the flow of electricity won't be impeded

Now! just three easy steps
CLEAN and WAX FLOORS STANDING UP!

Here's how Bruce Floor Cleaner and Doozit beautify wood and linoleum without scrubbing!





Pour...

Just pour a small amount of wax-rich Bruce Floor Cleaner on the wood or linoleum. Then slide the Doozit back and forth to loosen the dirt and erase spots and marks.



Clean...

Drop any soft cloth under the Doozit Pad and use Doozit as above to wipe up dirt and cleaner. Floor is quickly and thoroughly cleaned, ready for immediate polishing.

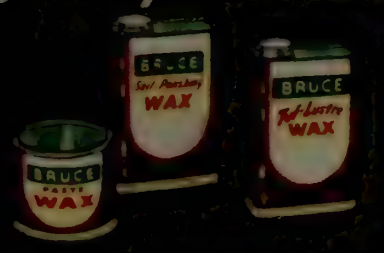


Polish...

Replace the Doozit Pad with a clean, dry one, then polish. The rich, non-slip wax film left by Bruce Floor Cleaner polishes quickly and easily to a natural sparkling lustre.

Bruce Floor Products are featured at stores everywhere. The Bruce Doozit is only $1.89. Extra, long-wearing pads, 19c each. Bruce Floor Cleaner, 68c quart and $2.10 gallon.

BRUCE
floor products



E. L. Bruce Co., Memphis, Tenn.
World's Largest Maker of Hardwood Floors
Also Terminix, Lumber, Furniture Parts

You'll call this wonderfully easy "standing up" floor care the *happiest* household idea since *husbands!*

No more *hours* of back-breaking scrubbing and waxing. Now, in just *minutes*, wax-rich Bruce Floor Cleaner and the Doozit do all the dirty work—*you* don't even soil your hands! And your floors, wood or linoleum, take on a sparkling new cleanness, a rich, *naturally* beautiful lustre.

Try Bruce Floor Cleaner and the wonder-working Doozit today. Clean and wax the modern Bruce way, *standing up*. And you'll *never* scrub another floor!

Guaranteed by Good Housekeeping



Styled by Holmes to Make Your Rooms Really Beautiful

Mirador

LUXURIOUS EMBOSSED EFFEC

IN CUT AND LOOPED PILE

Lovely Soft Pastel Shades



"Every Woman her own Decorator with Mirador Wilton Carpet"

YOUR every room acquires new poise and harmony with Mirador used wall to wall or cut into room size rugs.

The subtle leaf and flower pattern in an embossed effect gives a muted background for your furnishings, whether traditional or modern.

Choose from hushed pastel shades that harmonize with patterned fabrics and wood tones. To add spaciousness we suggest Mirador in adjoining rooms and, of course, in halls and on the stairs.

And don't forget that Mirador is a Holmes Wilton Carpet—more wool, more wear in every square yard.

For early delivery place your order at the store in your community featuring Holmes Wilton Carpet. They will measure your floors and install the Carpet to your complete satisfaction.

Mirador is made only by Holmes, an old Philadelphia firm that has been weaving fine Carpeting since 1857. Archibald Holmes & Son, Phila. 24



Holmes Mirador in Decorator Shades—Lime Green, Beige, Dust Rose, Mist Gray. Woven in 27" widths and 9, 12 and 15 feet wide.

Wall-to-wall or Room Size Rugs Cut from Rolls

HOLMES WILTON CARPET

How to use

Candles and flowers *on your table*

By Fae Huttenlocher

CANDLES and flowers together give your table both the elegance of candle glow and the graceful beauty of flowers. Whether it is a simple dinner or a formal tea, the combination gives loveliness to the occasion. Many dining tables are too small for an elaborate decoration. So here are five simple candle and flower ideas that make your table handsome in a minimum of space.





Wax Madonna with candle back of it has pussy willows, narcissi, and ivy grouped around it in a halo. **Left:** crystal holder holds flower corsages for those at the table

Photographs: Stanley



Three-pronged crystal candelabrum takes only six inches in width on your table. Glass cups hold roses, daisies, and violets around the candles. **Right:** cups fit securely into the candle sockets, are deep enough to hold flower holders and water around the candle



Tall candles in low holders are softened by greenery and one or two flowers at the base. The flowers are placed on ½-inch holders in catsup-bottle caps filled with water





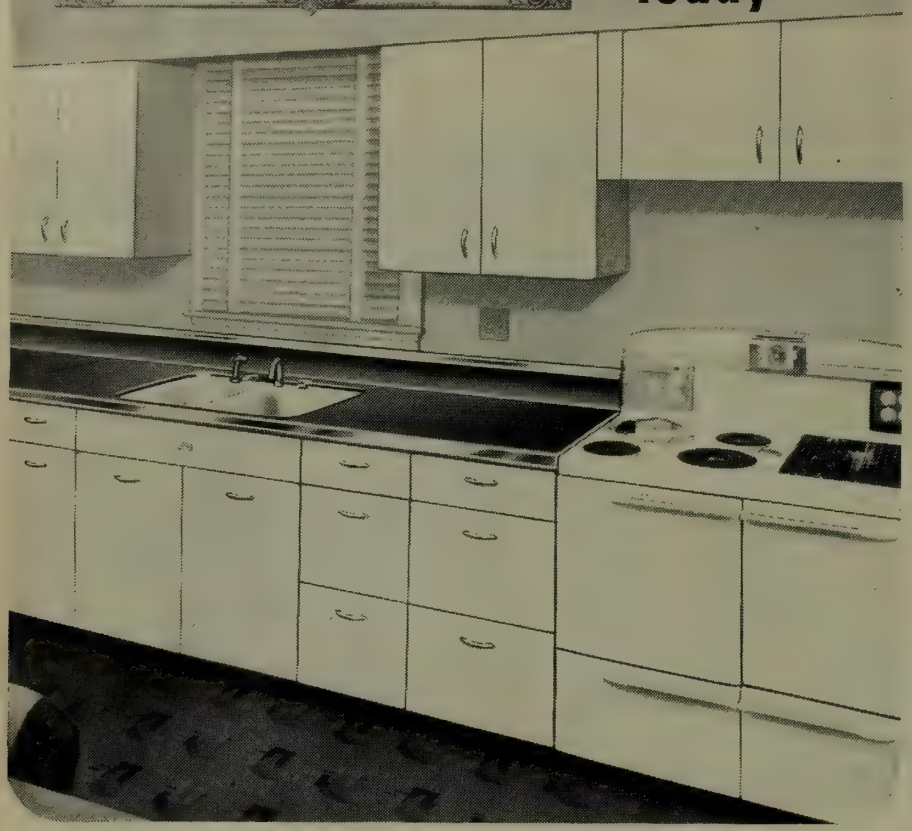
Handsome flower bowls with candleholders molded to them are decorative in electric gold and green. There's room inside for small needlepoint holders around candle

Where to get it, page 264



YESTERDAY

today



...with a *Kitchen-Kraft*

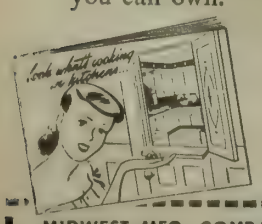
KUSTOMIZED STEEL KITCHEN

Something old, something new . . . this magic transformation took place in the home of Mr. and Mrs. Don Mott of Orlando, Florida. By adding Kitchen-Kraft steel cabinets, a beautiful, serviceable kitchen is now theirs to enjoy for years to come.

You can work the same magic in your own kitchen! Whether your kitchen is old or new, large or small, now you can save time . . . save steps . . . and save money by installing a Kitchen-Kraft steel kitchen. Kitchen-Kraft offers a complete line of floor, wall, sink and broom cabinets plus the amazing new "KUSTOMIZED" counter top. This top offers all the advantages of a "custom-built" kitchen but at production line prices . . . immediately . . .without the long "custom"ary delays.

THESE THINGS YOU'LL GO FOR! Finger tip control roller drawers . . . sound insulated doors . . . glistening, easy-to-clean refrigerator finish . . . adjustable shelves . . . rubber bumpers on doors and drawer fronts, streamlined chrome hardware . . . stainless steel trim . . . These are only a few of the many features that make Kitchen-Kraft the finest kitchen you can own.

REPLACEMENT OR REFUND OF MONEY — Guaranteed by Good Housekeeping — IF NOT AS ADVERTISED THEREIN



ILLUSTRATED KITCHEN PLANNING BOOK: To help you plan your next kitchen, send for Kitchen-Kraft's beautifully illustrated booklet, "Look What's Cooking In Kitchens." It tells how to plan and modernize any type of kitchen. Included is a novel color selector to help you choose the color scheme. Mail the coupon today!

MIDWEST MFG. COMPANY
Dept. B3, Galesburg, Ill.

Gentlemen: Please mail me my copy of "LOOK WHAT'S COOKING IN KITCHENS." Enclosed is 25c to cover handling costs.

I plan to build ☐

I plan to remodel ☐

NAME_____

ADDRESS_____

CITY_____ ZONE___ STATE_____

How to wax your floors

WAXING a floor is like any other job—there's a be way of doing it.

Wax forms a protective film which takes the wear ar protects the floor, gives it a gleaming polish, and sav *you* cleanup work.

When you buy wax, you have a choice between bu ing-type waxes and self-polishing waxes. For special us for each type and for the best ways to apply them, stuc these pages and those that follow.

Buffing-type waxes

Paste and liquid waxes, the *buffing-type* waxes, requi polishing, but give a more permanent finish than *se polishing* waxes. The glossy protecting surface will la 3 to 4 months with proper care.

For a wooden floor that's never been waxed before or floor from which all wax has been removed, many pref *paste* wax for the first coat.

For upkeep. For additional wax coatings on wood floors, many prefer *liquid* wax, since it's easier to app and cleans at the same time.

How to apply

1 *Remove surface soil* with dry duster, a cloth wrung out in cold water, or cheesecloth moistened with liquid wax. Old wax need not be removed before adding another coat if the old wax is not stained or unevenly worn. If you have to remove old wax, use a wax remover solvent.



2 *Apply paste or liquid wax* to the thoroughly dry floor with soft cloth or a long-handled wax applier. If you use cloth, choose a large absorbent one that can be folded into a big, soft pad. A yard of cheesecloth is good. Dip cloth into jar or can of wax and pick up a generous amount of wax. Meshwork of cheesecloth holds wax so you can spread it in a thin, even coat. Use long, sweeping strokes and work with the grain of the wood. Too heavy a coating of wax is apt to make floor slippery and appear streaked. Before polishing, allow to dry 30 minutes or according to the manufacturer's directions.



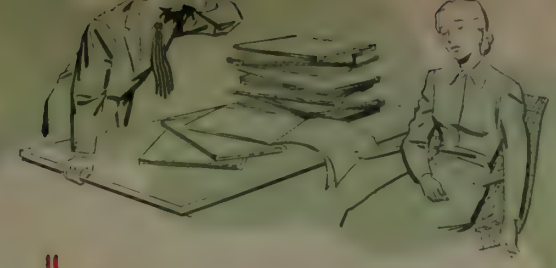
3 *Polish* until surface is lustrous, with a weighted brush or electric floor polisher. If you've allowed the proper time for drying, the luster will come up almost instantly. A second, thin coat of wax, applied and polished like the first, adds further beauty and protection. Three wax coats give a satiny finish you can keep with a minimum of care.



4 *To remove black marks* and scratches, rub with liquid wax until they disappear. Treat any worn spots with a reapplication of wax. After you've polished the rewaxed area, it will blend in with rest of floor, so there's no patched effect. Stairsteps stay shining if given a frequent touch-up with liquid wax.

Daily dusting with a *dry* dust mop removes dust and dirt particles. Never use an *oiled* mop; it softens wax and leaves an unabsorbed film of grease to catch dust. If water is spilled on waxed floors, wipe it up at once or it might make a white spot which will require rewaxing.

More on page 153



"I started a One Woman Revolution

. . . to bring you this New and Easy way to Select Wallpaper!"



"Years of fighting with ordinary wallpaper sample books made me mad! Instead of helping me find what I wanted, they confused and hindered me . . . forced me to search through hundreds of disorganized samples . . . *without any assistance* . . . in hopes of finding two or more patterns which 'go together' in design and coloring.

"That's why I started a one-woman revolution to take the guesswork out of wallpaper selection!

"I took my idea to the world's largest manufacturer of fine wallpapers. Together, we developed a completely new, expert way for any woman to select perfectly blended wallpapers.

"Now you can quickly, easily find *related* wallpapers which harmonize with your rugs, draperies and furnishings . . . period or modern.

"Never before in all my years of professional decorating experience have I seen an easier, simpler aid to every woman faced with decorating problems."

HERE'S HOW IT WORKS . . .

THE EXCITING NEW NANCY WARREN STYLE SELECTOR shows you gorgeous new washable and fadeproof wallpapers, specifically selected and grouped in related patterns and colors. You simply star with one basic color or pattern of your choice . . . then see up to 8 different wallpapers which blend or contrast perfectly. You see them all at once, too, side by side in this exciting new NANCY WARREN STYLE SELECTOR . . . just as they will appear on the walls of your home.

Each Nancy Warren Wallpaper is numbered, referring to the helpful new Selector Chart which gives Nancy Warren's own suggestions for the use of each paper . . . plus a complete decoration plan for your particular problem.

Don't put up with outdated, hit-or-miss methods of selecting wallpaper! Ask your dealer for the new NANCY WARREN STYLE SELECTOR to find just what you want . . . in the finest wallpapers ever created to glorify your home.

Dealers listed in your Classified Phone Book—under "Wallpaper."





Grosvenor, pattern GR 15, wave design in Silver Blue.

GOOD RECORD

...on the floor

Ever since 1878...through many changes of taste and fashion...
Mohawk has made an enviable record covering the floors of America. Their standard has always been the *best*...the *best* wools of the world, the *best* craftsmanship, the *best* selection of weaves, the *best* design and color, the *best* value. Shown here, Mohawk's Silver Blue Grosvenor, a Wilton weave.

Visit the Carpet Fashion Opening...March 1–10

See at your favorite store Mohawk's smartest weaves and colors of the season. This nation-wide show brings to you the newest fashions in floor coverings.

Be Your Own Decorator!

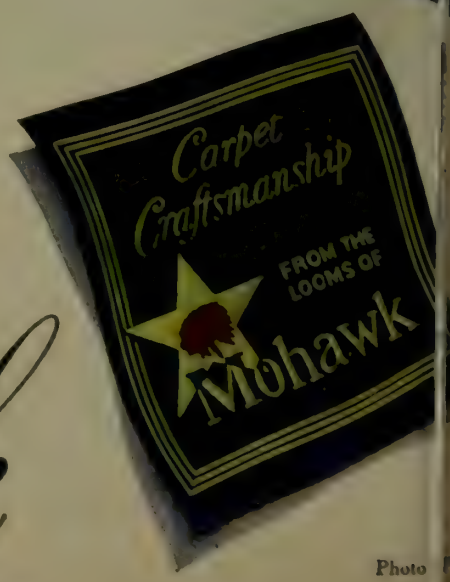
Send 25¢ for Mohawk's professional "Home Color Planner" kit. See this carpet and other Mohawk colors and weaves with different furniture, walls,. drapery combinations. Experiment in miniature before making your final purchases. A wonderful help in decorating your home.

hawk Carpet Mills, Inc., Amsterdam, N.Y.
vertising Department

ME.....

DRESS.....

TY.....STATE.....



Mohawk

MOHAWK CARPET MILLS, INC. • AMSTERDAM, NEW YORK

Photo

How to wax your floors

Begins on page 150

Self-polishing waxes

Self-polishing or no-rubbing waxes have a *water* base instead of a *solvent* base as have paste and liquid polishes. They dry to a shiny finish without polishing and are easy to spread. The resulting wax film is thinner, and must be renewed more often. Self-polishing waxes are especially practical for linoleum floors and work surfaces where frequent cleaning is necessary.

Right wax for composition floors. Self-polishing waxes are also particularly suitable for use on rubber, asphalt, or composition floors, since these floor surfaces are often harmed by the solvent in many paste and liquid polish waxes. Some women like to use a self-polishing wax on all floors even though it's necessary to apply it oftener. Here are tips for applying self-polishing waxes:

How to apply



1 *Clean linoleum* with soap and water, let dry completely. For rubber, asphalt, and composition floors, use a cleaner approved by manufacturer of floor material. Clean a wooden floor first with cloth wrung out of cold water. Then let it dry



2 *Simplest way* to apply self-polishing wax is with long-handled applier made of yarn, lamb's wool, or cellulose sponge. But you may also use a soft cloth or new pliable paintbrush. Pour a little wax onto floor right out of container. Spread

More on next page

Easy as pie

TO BUILD YOUR KITCHEN WITH CURTIS CABINET UNITS



Want a big, roomy kitchen—or a small, compact one? Whichever you choose, you'll find just the right floor and wall cabinet units in the Curtis line of wood cabinets. These units fit together for any size or shape of space. What's more, you can have such extra advantages as a snack bar, and utility units for storing kitchen equipment of all sizes and shapes.



Everything is within easy reach in this modern Curtis kitchen. There are many other possible combinations of Curtis units to fit this space. Curtis cabinets come to you prime coated—and may be painted in the color of your choice. Every unit has the sturdy quality construction and fine materials that have made the name of Curtis famous since 1866.

This charming kitchen-dinette is one of the many arrangements which Curtis units make possible. Curtis kitchen units may be installed just as easily in an old home as in a new one. Remember, Curtis kitchen cabinets are made of wood for extra durability and long life.





Here's a source of inspiration and ideas for every kitchen planner—the Curtis Kitchen Idea Book. Send for your copy today!

SEND FOR THIS KITCHEN IDEA BOOK

1865 CURTIS WOODWORK

Curtis Companies Service Bureau
165 Curtis Building, Clinton, Iowa
Gentlemen:
Here's 10 cents for your book, "It's Fun to Plan Your Own Kitchen."

Name.....

Address.....

City.....*State*.....



ONE ACCELERATOR GIVES YOU ANY SPEED IN A CAR . . .

ONE SWITCH

gives you any temperature — not just 3 or 5 or 7

in an L&H AUTOMATIC ELECTRIC RANGE



YOU are in charge when you cook with an L&H! No need to guess whether "high, low or medium" is the right heat. No need to depend on fixed temperatures. The infinite control of the L&H Vari-Speed Switch gives you *every* temperature from simmer to sizzle! . . . not just 3, 5, or 7. Heat comes on like power in your car when you step on the accelerator . . . smoothly, gradually as you turn the switch. That's why results are so superior, foods so temptingly delicious when prepared on an L&H. Other features to delight you . . . oven is big enough for an entire meal, cooker lifts up to form extra unit, smokeless broiler, automatic time control for oven, cooker, appliance outlet and one top unit. See your L&H dealer today or write A. J. Lindemann & Hoverson Co., Milwaukee 7, Wis.



L & H Electric Water Heaters 10-year warranty!

THE RANGE THAT MAKES GOOD COOKS BETTER!

Copyright 1949

How to wax your floors

Continued from preceding page

sparingly over floor—one direction only—in thin, even coat. Avoid scrubbing applier back and forth; use long straight strokes. Overlap each stroke as you go. Allow to dry thoroughly—15 to 30 minutes—without walking on it. Apply a second coat if you want an even higher luster. Or buff lightly.



3 *To keep floor clean*, dust with dry mop or wipe with cool water. Remove black marks by rubbing with a cloth moistened with liquid wax. If streaks are stubborn, you may need to use fine steel wool instead of the cloth. After a soap-and-water washing, apply a new coat of wax. Between every two or three applications of wax, all old wax should be removed by soap and water, floor cleaner, or wax remover solvent.

Give your antiques a future



INGENUITY can make your favorite antiques as useful as modern dual-purpose furniture. An old mahogany console, for example, can become a convenient bedside table without losing any of its charm. Take out the top drawer and make a shallow desk in its place—hinging the bottom of the drawer front to the console. Your new bedroom desk keeps books handy for late night reading. Then remove enough of the side panel so that you can set a radio in the side (resting on the newly made shelf) at just the right height for tuning.

Don't wait—choose now from today's loveliest ca



Wide, wonderful choice—best values a... —ready at your Bigelow dealer's!

STAND IN THE DOORWAY of the room in *your* house that needs a new carpet most. Take a good look.

Then close your eyes and picture the same room transformed with a beautiful new Bigelow Carpet. Imagine the perfect pattern, the just-right color. Hold that dream in your mind (you can open your eyes!) and hurry to your Bigelow dealer!

Glowing array of colors—superb patterns! Like a solid color? Find today's newest, loveliest shades! A pattern? Everything from 18th century florals to smart modern leaf design! No wonder women say Bigelow makes the best styles—and more of them!

Left: Glowing beauty through color and texture. Bigelow's Sonata 2103-9201. Around $18.95 a sq. yd.*

Quality that means years of wear and pleasure! Every Bigelow Carpet is made of fine imported wools, blended to give greatest richness, luster, wear. These wools are kept "lively" in the making—so that your Bigelow Carpet keeps its like-new springiness and good looks!

Below: An unusual carved effect surface. Bigelow's splendid Sovereign 10410; around $11.50 a sq. yd.*

For name of your local Bigelow dealer, call Western Union by number. Ask for Operator 25.

Prices from $5.95 a sq. yd. to $18.95! Pay what you please—you have plenty of choice at every price level! No need to put off till "sometime" the Bigelow Carpet that will give your home a needed lift-in-loveliness right now. Don't put up with shabby rugs or bare floors for another tick of the clock—see your Bigelow dealer now!

Below: This expensive-looking embossed effect carpet is Bigelow's Fervak 9419, a real value. Around $7.50 a sq. yd.*

*Slightly higher in West.





LIVELY WOOL SPRINGS BACK UNDERFOOT

Bigelow
Rugs and Carpets

Beauty you can see . . . quality you can trust . . . since 1825

Checked your gutters and downspouts?

Spring is the time to clean and repair them. Do a thorough job, so they'll last longer, work better

By Kenneth Murray



If your downspout is clogged, chances are you'll find wet leaves in an elbow. Remove elbow and clean it. Forcing leaves down might cause a worse stoppage

YOU can easily double or triple the life of the roof drainage system of your home. How? By inspecting your gutters and downspouts carefully at least twice a year, and by repairing any minor ailments before they have a chance to grow.

For best results, time your inspections to come before the heavy spring rains, and between the time when leaves fall from the trees and the arrival of snow in the fall. But be careful; there's no point in saving money on gutter repairs only to spend it on hospital bills.

Water drains from a roof into gutters, hung on the roof's edge. Then it flows to downspouts which lead it to the ground or to a disposal system.

Hence, all gutters must be pitched slightly toward the downspout openings. You'll find that most of your gutter troubles can be traced to standing water. Water fails to run off when the pitch is lost because the weight of ice and snow forces the gutter out of line, or when the gutters and downspouts are clogged with leaves and other debris.

Even a badly rusted section of gutter doesn't necessarily have to be replaced. Four of the pictures on this page show how a rusted gutter can be renewed so it will give years of additional service. Other pictures that follow show how you can make your whole roof drainage system work better and last longer.

Long-lasting repair for a rusted gutter



1 When your gutter rusts so badly that it leaks, scrape out as much rust as you can. Do the job with a wire brush or with coarse steel wool. You should scrape away the rust on the bottom side of the gutter, too

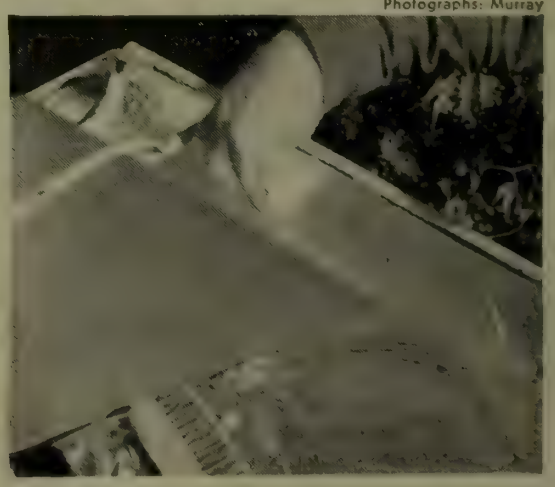
Photographs: Murray



2 Cover inside of the rusted gutter with a good grade of asphaltum paint, diluted with an equal part of white (unleaded) gasoline for easy brushing. Let the asphaltum dry before continuing the job



3 Coat dry asphaltum with a thick film of plastic cement, using a waterproof type prepared especially for roof and gutter repairs. It is very thick and resists cracking. A 1/8-inch film is not too thick



4 Before cement sets, cover it with strips of heavy aluminum foil. Press foil down tightly with a dry cloth. Where strips of foil meet, overlap them in the direction of water flow and cement edges together

More on page 158



GM research *discovers new facts about the metals out of which cars are made – using invisible light and the ultraviolet spectrograph shown here. The results? Better control in* ***quality of materials,*** *leading to more trouble-free miles for your car.*



GM research *helps engineering by providing invaluable* ***data on fatigue tests – showing how long*** *materials can "take it" – to improve car durability.*



GM research *helps production with special balancing machines for crankshafts and dozens of other rotating parts – cutting down wear and vibration – adding to their life and to all-over comfort.*



GM research *considers one of its most important projects the continual 33-year-old study of fuels and engines – the purpose being greater fuel economy, plus better performance. Above is an instrument that enables GM men to see what happens when fuel burns inside a cylinder.*

Key to a better tomorrow

It's clear that the 1949 models by General Motors are definitely ahead of yesterday's. And there is a good reason.

It begins with GM research, which is constantly at work digging out better ways of making things and doing things.

What research discovers is the starting point for better engineering and better production.

That is why General Motors has, for more than a third of a century, maintained the largest research department in the automotive industry.

Because research is hard at work now, you can be sure that GM's cars of tomorrow will be even greater values than those of today.



"MORE AND BETTER THINGS FOR MORE PEOPLE"

GENERAL MOTORS

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● In your home, too, PC Glass Blocks can make the difference between an entrance that is cold and forbidding and one that is warm and friendly. And in bathroom, kitchen, or at any "dark spot" in the home, they add a touch of beauty; bring out the color and loveliness of your furnishings by flooding your rooms with clear, softly diffused daylight. Yet, being non-transparent, they also provide privacy. And at night, when inside lights shine through them, they make the outside of your house look bright and cheerful.

PC Glass Block panels are easy to keep clean and sparkling. They don't have to be repaired, repainted or replaced.

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Without obligation on my part, please send me a FREE copy of your booklet on the use of PC Glass Blocks in the home.

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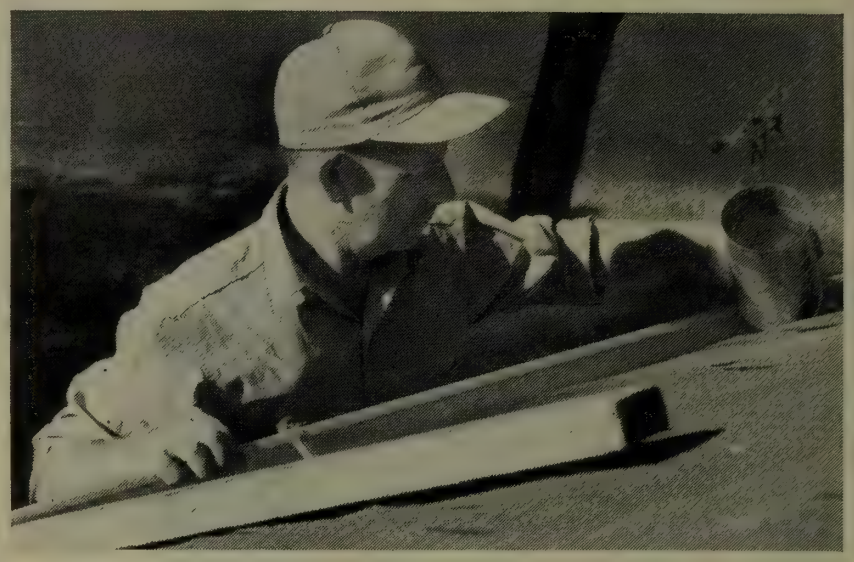
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The mark of a modern home

Distributed by Pittsburgh Plate Glass Company; by W. P. Fuller & Co. on the Pacific Coast, and by Hobbs Glass Ltd. in Canada

Gutters and downspouts

Begins on page 156



Gutter pitch should be checked regularly to make sure water will drain away. You can use a carpenter's level (foreground) but it is easier just to empty a can of water into the gutter. Make sure water flows away quickly, and that there are no pockets in which water can be trapped



To correct gutter pitch, just bend gutter hangers up or down slightly as required. You will find the pitch often needs correction in the spring due to winter's load of ice and snow



Rusted hangers may throw gutter out of line. Replace them, using zinc-coated shingle nails to fasten roof strap. Bend front end of the strap underneath the gutter until it locks into the slot provided. Straps that are not concealed by shingles can be painted to match your roof



A ladder needs remodeling if you use it for working on gutters. A short ladder rested against the house is awkward and dangerous; a long ladder may bend the gutter. To overcome these difficulties, bolt two short sections of 2x4 lumber to the sides of ladder, at the angle shown. Test ladder thoroughly to make sure supports hold it without wobble

The Kitchen-aire EXHAUST FAN is Different..!



★ It is Underwriters approved.
★ It gives you maximum efficiency: the exhaust grill may be mounted above the cooking range, even if the range is located on an inside wall.
★ It is fire-safe: grease-laden air is NOT drawn over motor.
★ It is quiet: operating mechanism is mounted OUTSIDE your wall.
★ It is weatherproof: back-draft damper protects against heat loss; operating mechanism is housed in corrosion-free aluminum.
★ It is ideal to make your kitchen cool clean, odor-free; your recreation and bath rooms daisy-fresh; your basement dry.
★ It is economical: grease and moisture-laden air is not deposited on kitchen walls—saves on cleaning; low in cost, easy to install.
★ It is electrically operated, can be installed in new or old houses . . . yes indeed, the Kitchen-Aire fan is DIFFERENT.

Write for particulars and the name of your nearest dealer. Dealer and distributor inquiries welcome.

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For a surprisingly amount you can own operate a thoroughly liable Life-Long Da Water System and PLENTY of water in k en, bath, lawn and ga The DAYTON Line inc shallow and deep models, jet pumps, drainers and water so ers. See your dealer first mail coupon TO



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P.O._____ STATE_____



Wet leaves and dirt in a gutter clog it up and accelerate rusting. You can do a good job of cleaning them out with a whisk broom. This job should be done several times a year, especially after the leaves fall



Prevent clogging of your drainage system, install strainers at each point where the gutters are connected with downspouts. You can buy these strainers at your neighborhood hardware store



Downspouts are often held with concrete at the top of a draintile. These are impossible to remove and clean. A better way is to drop a downspout loosely into a smaller tile which is cemented into the drain. Then you can easily remove the downspout for cleaning or replacement as needed



If the bottom end of a downspout is not connected to a drain, add a length of pipe to lead water away from the house. That will protect the foundation footings, basement walls, and shrubbery, and may eliminate a bad source of moisture inside the basement

More on next page

Garbage Gone ··· Like That





No more trips to the garbage can—no more household pests attracted by garbage!

Hotpoint Disposall

Eliminates Garbage the Modern Way!

NOW, you can end forever the old-fashioned, unsanitary job of collecting garbage! With the new Hotpoint Electric Disposall® you simply scrape table refuse into the drain and turn on the cold water. The Disposall shreds it to bits and washes it down the drain. This efficient, automatic waste disposer is safe, odorless, self-cleaning—costs amazingly little to operate. Let your Hotpoint dealer show how economically the Disposall can be installed in practically any sink.

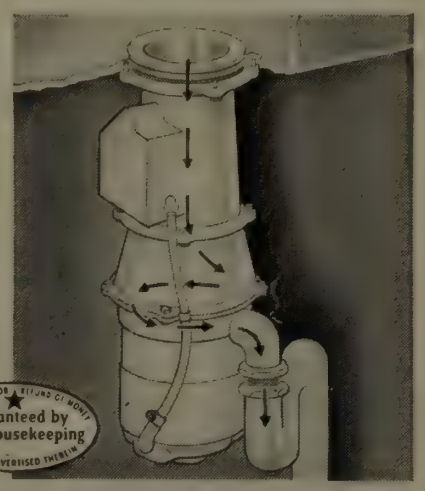
HOTPOINT INC. (*A General Electric Affiliate*), CHICAGO, 44

1 Simply remove control cover and scrape table refuse into drain opening. Replace control cover and turn handle to ON position.



2 You turn on the cold water, which automatically starts the action. Table refuse is shredded to bits and washed down the drain.

- More than 125,000 in use
- Costs less than 10c a month to operate
- Full year warranty
- Can be used with any sewage system, including septic tanks and cesspools



3 Here's how the Disposall looks and performs. Arrows show how waste goes down drain.

Everybody's Pointing To

Hotpoint Disposall

Call Western Union Operator 25 for the name of your nearest Hotpoint dealer.

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"What's wrong with flowers and candy for my own little wife?"

"Nothing, to be sure. But am I supposed to receive them in a forgiving or a festive mood?"

"Festive, my suspicious pet. We're celebrating tonight — celebrating my freedom from worry and your freedom from care. You are looking upon a man with Insured Income!"

"George, what have you been up to?"

"I'm trying to tell you. Today I fixed it up with Mutual Life so that no matter what may happen to me, you'll always have a regular monthly income—and if nothing happens to me, we'll have money enough for a comfortable retirement later on. Thanks to Mutual Life's Insured Income planning, I can manage it without straining the budget at all. That, I maintain, is worth celebrating."

* * *

Insured Income planning is the sound, economical way of matching present budget with future need, to provide complete life insurance protection for your family and yourself. Insured Income is practical because it builds on what you already own: your savings, Social Security, pension rights and present life insurance.

Let the Mutual Life career Field Underwriter in your community explain how Insured Income can help you.

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Yes, I would like your FREE Social Security Booklet — B-52.



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CITY ..... COUNTY .....
STATE ..... OCCUPATION .....

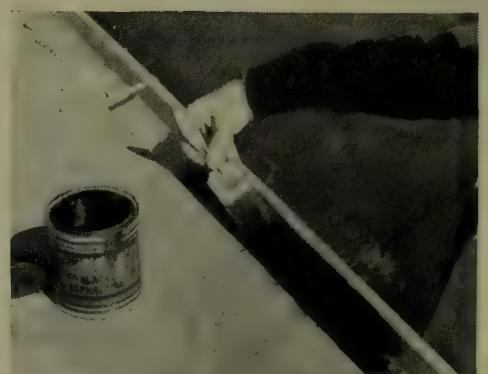
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Gutters and downspouts

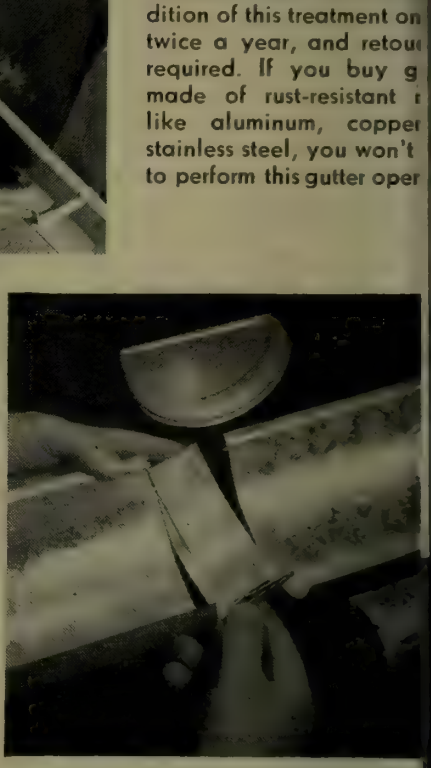
Continued from preceding page



Splasher guards can be added to gutters at points like this, where an unusually large volume of water must be handled. Such guards prevent overflow



You can lengthen the li new gutters if you coat th ner surface with undilute phaltum paint. Check the dition of this treatment on twice a year, and retou required. If you buy g made of rust-resistant r like aluminum, copper stainless steel, you won't to perform this gutter oper



When you replace a gutter, you won't need solder if you use slip connectors. Coat connecting ends of the gutter with roofing cement. Be sure overlapping top lip of the connector faces the direction of water flow. In the background is a solderless-slip end cap, which should also be fitted on with waterproof roofing cement



To cut a drainpipe or gutt the required length, use a toothed hack saw. Mark c around the pipe before saw so the cut will be sc



To join two pieces of drainpipe, crimp the end of one to reduce its diameter so that it will fit snugly into the other piece. To crimp, take a firm grip on the pliers and give them a sideways turn. Do this all around the end of the pipe



"I was smart to buy our new General Electric Automatic *Electric* Water Heater! With fuel prices the way they are today, I find it's *cheaper to use electricity!* And, being *automatic*, our G-E Water Heater gives us lots of hot water whenever we need it!"



2. "The convenience and beauty of our new General Electric Automatic *Electric* Water Heater make it worth twice its price! No burners to regulate! No fire to go out! No fumes! Just lots and lots of clean hot water for dishes, clothes, and cleaning—automatically!"

For cheap HOT WATER ... and lots of it ... use a G-E Electric Water Heater!



3. "A last-minute date means a quick shower. And no matter how much hot water Mom has used during the day, there's still plenty waiting for me. It certainly was a lucky day when we got our new G-E *Electric* Water Heater!"

*Trade-mark Reg. U. S. Pat. Off.

Check with your electric company. You may be surprised to learn that today *electricity* is often your *cheapest fuel!*

A G-E Electric Water Heater is automatic, trouble-free and cheap to operate! Look at all these features . . .

SAFETY . . . No fire to watch. No fumes, no chimneys, no flues. Installs anywhere. Approved by Underwriters' Laboratories.

DEPENDABILITY . . . Completely automatic! Dependable service for many years. Backed by General Electric's 10-year Protection Plan!

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NORGE alone gives you the sensational Concentrator burners



The greatest advancement in Gas Cookery in America!

New Norge Concentrator† Burner gives fast, even heat for better cooking results!

"CONCENTRATES" ON ECONOMY: *all* the heat from the Concentrator burner is used for *cooking*—none is *wasted.* Such *economy* of fuel and of cooking time is unusual!

"CONCENTRATES" ON BETTER MEALS: The concentration of heat on the *bottom* of the cooking vessel means more accurate control of heat at all cooking speeds.

"CONCENTRATES" ON BEAUTY: note the new "contour front," the arrangement of oven and utensil lockers, the grouping of controls . . . here's modern design at its best!

Design of the exclusive Norge Concentrator surface burner is such that flames first travel *inward*, toward the center of the vessel; they then reverse and move *outward;* angle-port openings impart a third or *swirling* action to each flame. This *triple-action* results in a faster, more even heat. See your classified telephone directory for name of nearest Norge dealer.



in Gas Ranges . . Borg-Warner Quality Products

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Confessions OF good cooks

Moisten your hands before shaping meat loaf or ground beef patties. The meat won't stick to them. —*Mrs. M. F. Winslow, Cambridge, Massachusetts.*

Use leftover pastry to wrap dates which are stuffed with fruit or nuts. Place on a cooky sheet with the folded side down and bake in a hot oven (450°) 10 to 15 minutes.—*Mrs. A. R. Gerien, Willowbrook, California.*

It's easier to cream butter or fortified margarine for sandwiches if you rinse your mixing bowl with warm water first.—*Helen Stier, Los Angeles.*

Horse-radish gives zest to unexpected dishes. Try a little in the applesauce which will be served with pork, in French salad dressing, black bean soup, and sour-cream dressing for ham.—*Mrs. C. W. Sheppard, Oak Ridge, Tennessee.*

Marinate less tender cuts of meat in Lemon French Dressing overnight in the refrigerator before cooking. Meat has a wonderful flavor—just right for combination with a quickly prepared barbecue sauce—and cuts easily with a fork after a short cooking period.—*Mrs. F. E. Cunningham, Chicago.*

You can use up bits of dry cheese by grating them and sprinkling over frying eggs. Cover the skillet so that the cheese will melt and make a golden coating.—*Mrs. John Marty, Browntown, Wisconsin.*

One trip to the refrigerator if you set gelatine molds in muffin pans. Saves tipping and spilling. Use the same idea for custard cups.—*Mrs. J. C. Jones, Columbus, Ohio.*

Cracked egg still may be cooked in the shell, if you rub crack with moistened salt before placing the egg in water.—*Mrs. William C. Trotte, Hartford, Connecticut.*

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with GENERAL T-12
THE MODERN ALL PURPOSE HOME FLOOR CONDITIONING MACHINE

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With amazing ease and speed the GENERA T-12 Polishes, Buffs, Waxes, Scrubs, Dry Clea Refinishes, Sands and Preserves your floors . Ends all floor drudgery and makes floor care pleasure. The T-12 will turn drab, unsightly flo into beautiful floors the easy way. NO PUSHIN NO KNEELING, NO BACK-ACHING LABC LIGHTWEIGHT AND QUIET!

THE FIRST AND ONLY FLOOR MACHIN WITH SNAP-ON SIDE HANDLES.

This original feature lets you give a lustrous p tective finish to table tops, furniture, woodwo cabinets, counters and even your car! Just click long handle off . . . snap the side handles on!

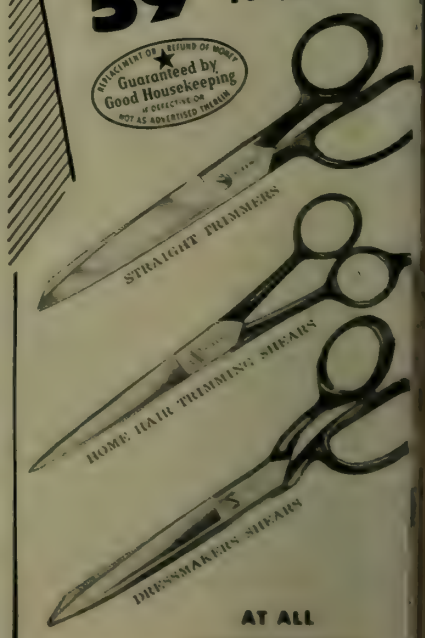
See it, try it at your favorite dealer or dep ment store. Write for illustrated folder.

Interior photo courtesy Manor House, Inc., N.

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Timesaver desks

Help yourself to a bedroom desk for writing letters, a kitchen desk for making menus

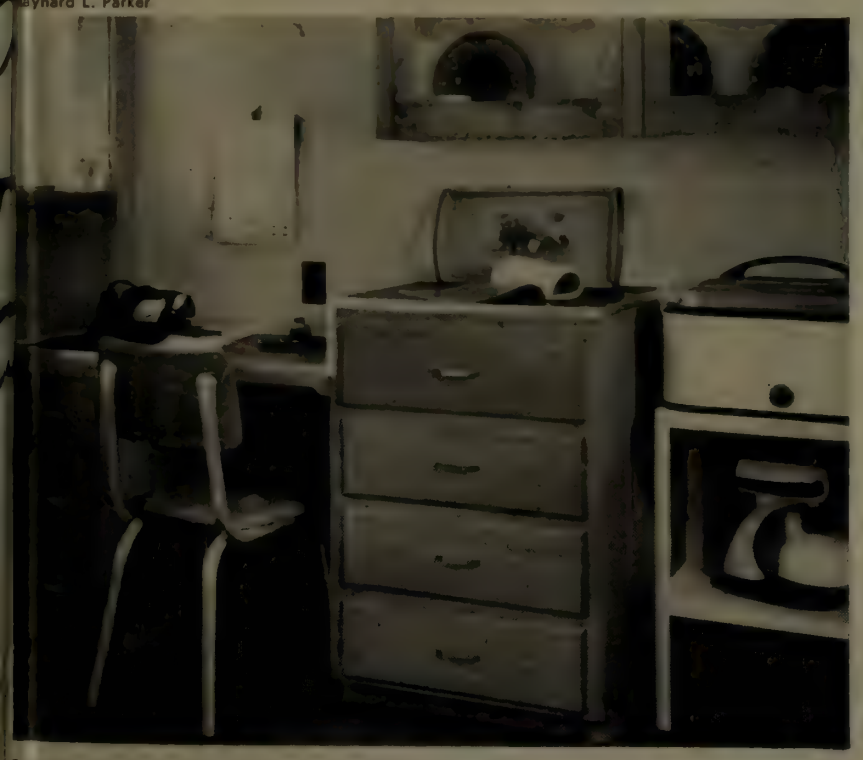
By Susan Moore

graph: George de Gennaro



your bedroom you can tuck a spacesaving wall desk right under the aves. Or you could put a shallower recessed desk between studs in any all. Chains at the side hold the drop-front writing pad steady. Inside ou'll find room for your note paper, unanswered letters, pen, and ink

aynard L. Parker



In your kitchen a linoleum-topped table desk like this doubles as extra counter space, too. Big chest alongside adds storage. Keep your phone on the desk for answering dinnertime calls. Sunlight may make the desk bright enough by day; if not, try a desk lamp or wall bracket



"Home-Planned" for the way you want to live . . .

modern

by



HEYWOOD-WAKEFIELD

EST. 1826

THERE'S a fresh grace about Heywood-Wakefield Modern that takes a friendly interest in your home—and in making guests feel at home! In sunny "Wheat" or mellow "Champagne" finish it will take a pleasant part in your decorating schemes. And its exclusive "Home-Planned" designs are developed with the sensible idea of assuring continuing harmony throughout your home as you add living room, dining room and bedroom pieces to keep pace with changing needs. What's more, the Heywood-Wakefield emblem on every piece is positive assurance of fine materials and expert craftsmanship.

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DRESS BY KANE-WEILL

1

NOW, ALL YOU DO is choose a paint color scheme from the many rooms featured in the current month's national magazines.



2

GO TO YOUR KYANIZE PAINT DEALER. Ask for th free Kyanize Color Recipe packet.* Each month, i contains easy directions for matching the paint colo schemes of the most interesting rooms featured by you favorite magazines.

KYANIZE COLOR RECIPE

MAY, 1949 — **MAGAZINE NAME**

"Modern Maple — Mayflower Background" Living Room, Illustrations, Pages 72-73

This hospitable living room is glowing with color. The red chintz in an over-scaled check and the soft green walls set off the soft, mellow tones of the maple furniture in delightful fashion.

For the paints to achieve this color scheme, we suggest.

Walls: Kyanize Clingcote Flat Enamel in Lime Green (1 quart Deep Color Forest Green to 1 gallon Clingcote Standard White, No. 500).

Woodwork: Kyanize Lustaquik Enamel White.

Ceiling: Kyanize Clingcote Flat Enamel, Color No. 500, Standard White.

Note: Tell your Kyanize dealer the approximate dimensions of each area to be painted. He will tell you how much of each paint to buy.

Color Recipes are issued monthly by the makers of Kyanize Self-Smoothing Paints.

3

HERE IS A SAMPLE of the Kyanize Color Recipes yo will receive in the Color Recipe packet. Note the explici directions for matching paints to the room colors a shown in the magazine. At last, a practical, useful deco rating help!



4

KYANIZE COLOR RECIPES SHOW YOU HOW. Kyaniz Paints *do it better . . . easier*. For Kyanize Paints ar self-smoothing. They flow on easily, leaving a surfac without brush marks! Walls, ceilings, trim and furni ture fairly sparkle . . . look like new!

USE KYANIZE PAINTS, plus Kyanize Color Recipes, fo rooms as lovely as those in the magazines. And remem ber, there's a Kyanize Paint for *every surface*.

*If your dealer is out of Kyanize Color Recipe packets, send 10c in stamps or coin with your name and address (please print) to Dept. B-3, Boston Varnish Company, Everett Station, Boston 49, Mass.

IF YOU WANT ADDITIONAL COLOR SCHEME SUGGESTIONS *ask your local Kyanize dealer to show you his Kyanize Color Recipe Scrapbook.*

This scrapbook is a collection of past magazine-featured rooms with the Kyanize Color Recipe for each. It affords a wide selection from which to choose.



DECORATING'S EASIER WITH

Kyanize

Self-Smoothing

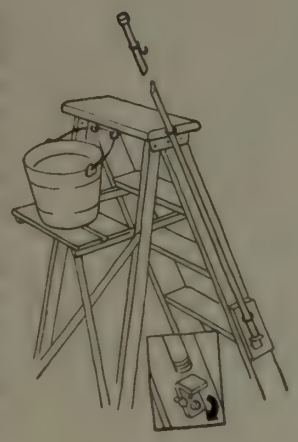
PAINTS

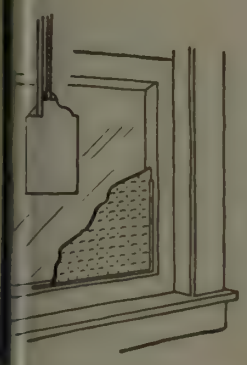
. . . from Color Schemes to Finished Rooms

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How-to for the handy man

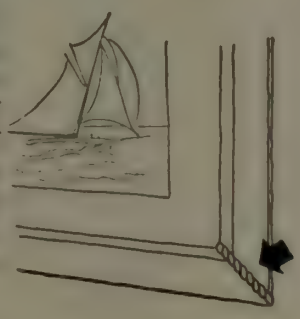
l a banister to your stepladder, to hold when washing a ceiling. Run a piece of nch pipe about 4 feet long through two e screw eyes, the top one screwed into the ler's top step, the other screwed into a block wood nailed to the ladder's side rail. Rest bottom of the pipe on a small angle brace. way to hang a pail from the ladder is to ip a wire hook into a groove filed near the of the pipe. Another way (shown) is to screw small hooks to the underside of the ladder to hold the handles of the pail. *Leo D. Kel- Rochester, New York; E. H. Stutz, Cleveland.*

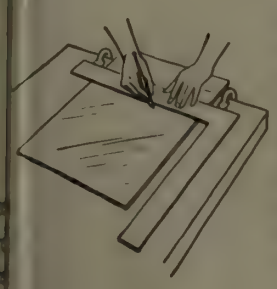




To get privacy in a room without sacrificing daylight, try this: Cover the existing window glass with a sheet of opaque glass, cut to the right size at the glass store. To install, first glue small rubber or wood separators at about eight points around the sash to hold the two panes of glass apart. Put the opaque glass in place, and secure it there with thin strips of molding, nailed around the edge. Incidentally, the dead-air space between the panes will reduce heat loss. *Robert Hoppough, Waukegan, Illinois.*

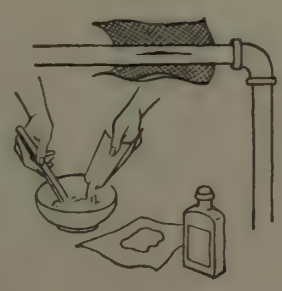
ture frames made at home, with hand ls, don't always fit precisely at the mitered ners. When you get a poor fit, don't throw frame away. You can hide the results of ur miscalculations behind short pieces of ided rope. Glue the pieces in place over the rner joints, and secure them further with ads. You'll find this will make the frame at- ctive, besides covering up your error. *George mstrong, Billings, Montana.*

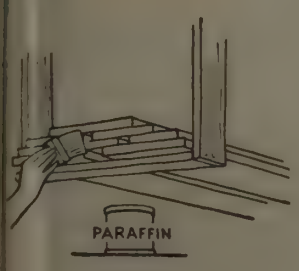




When you cut glass, you may find that your straightedge slips just when you bear down on the cutter. Here's what you can do about it. Screw two clamps to the end of your workbench, far enough apart so the waste portion of the sheet of glass can slide between them. Then rest the straightedge against the clamps as you draw the cutter along the glass. *John Robertson, Key West, Florida.*

leaky water pipe can be temporarily re- aired, even if the break is quite large. The ecret is a waterproof cement that will set in the resence of water. Make the cement by dry- ixing an ounce of litharge (from the drug- tore) with an equal volume of Portland cement. tir in an ounce of glycerine. Turn off the water, orce the cement into the break, smear it around he pipe. Wrap pipe around the break with can- as, and bind it tightly with wire. *Alden Stahr, Basking Ridge, New Jersey.*





When you store lumber that you don't plan to use for awhile, brush melted paraffin or rub the wax from a candle into the end grain. That will seal the fibers against moisture, assuming the lumber is dry to start with, of course. Keep the boards off the floor by using U-shaped supports hung from the rafters of your garage or basement. *Bob Gilmore, Sonoma, California.*

More on next page



Another sign of super-quality . . . Briggs exclusive *Safety-Bottom* bathtub!

It multiplies without adding!



Lots more room for everybody . . . all in the same limited bathroom space! Here's how you do it! Put in a double dressing table around one of those wonderful Briggs Beautyware vanity lavatories. But remember—be sure it's Briggs Beautyware! For Briggs plumbing fixtures are famous for quality where it counts the most . . . famous for their smart space-saving lines, their easy-to-clean stainproof porcelain enamel and tarnishproof chromium plated fittings, their glistening *permanent beauty*. Multiply these by their sane down-to-earth price and you'll see why Briggs Beautyware fixtures are the *best* that money can buy! See them now at your local plumbing dealer . . . and for more easy-to-do bathroom ideas send for free booklet. Briggs Mfg. Co., 3007-c Miller Ave., Detroit 11, Mich.

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PLUMBING FIXTURES



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Now, ACME PAINTS



harmonize with your Kem-Tone walls

RE'S NEWS for you and for home-kers everywhere.

Glorious new colors in Acme Paints specially designed to match, har-nize or contrast with your Kem-Tone ls! (See illustration and color key.) w you can have complete color har-ny—extending from living room to chen, into nursery, bath—*any* room.

Acme Paints are the finest you can for furniture, floors, walls and odwork. New developments have de them BETTER THAN EVER BEFORE our 65 years of paint-making.

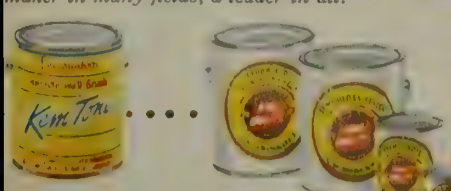
f you want pleasant harmonious ms that wash new again in a jiffy—your Acme Quality Paint dealer. me White Lead & Color Works, troit 11, Michigan.

Acme means high-quality paints, mobile finishes and insecticides. Largest maker in many fields, a leader in all.

COLOR KEY

1. **Kem-Tone, The Miracle Wall Finish.** Yorktown White on ceilings, Pale Jonquil on living-room wall, Midland Green on wall of dining room.
2. **Acme Enamel-Kote.** Bright Vermilion, Brilliant White to make accent pieces of desk and chair. Jade Green on dining-room chairs to harmonize with Midland Green Kem-Tone walls. A high-gloss finish.
3. **Acme Semi-Gloss Finish.** Colonial Yellow, on built-in cabinet and woodwork of bay window. An *exact match* with the Pale Jonquil Kem-Tone living-room wall! Satiny finish.
4. **Acme Floor and Porch Enamel.** Oak, on floor, to harmonize with lighter tones of furniture. Hard, tile-like finish is easy to keep sparkling-clean.
5. **Acme Varno-Lac.** Light Oak, on coffee table and dining table. Brings out the beauty of natural wood finishes. Stains and varnishes in one easy operation!

*In the few short years since its introduction, enough Kem-Tone has been sold to redecorate more than 40,000,000 average size rooms.



All in the ACME Family

Acme Quality Paints harmonize perfectly with Kem-Tone. They'll live happily with you, too! Look for the distinctive Acme label, next time you buy paint.

ACME QUALITY PAINTS

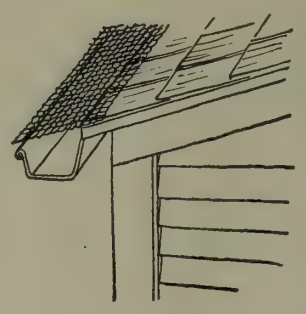
One of America's Great Institutions. Founded in 1864

How-to for the handy man

Begins on preceding page

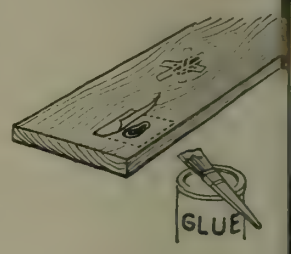
Attaching window boxes. With two cleats, you can make an invisible support for a window box. The cleats are pieces of quarter-round molding as long as the box. Fasten one cleat to the underside of the window sill, an inch from the wall. Nail the other to the side of the house so the box will rest on it. Make back of the box an inch higher than the sides, to engage the quarter round under the sill. Weight holds box in place. *Herbert Fey, New Braunfels, Texas.*





Cleaning the winter's accumulation o leaves and debris out of house gutters can b a dangerous job, especially if you are up tw stories on an extension ladder. Howeve there is a way you can avoid this annual task Buy some fine, rustproof screening and cu it into strips. Tack these strips to the edge o the roof so they project out over the fron edge of the gutter. The screen will keep th gutters free of leaves, and what debris doe get through will wash away with the firs rain. *Carl Rueck, Kirkwood, Missouri.*

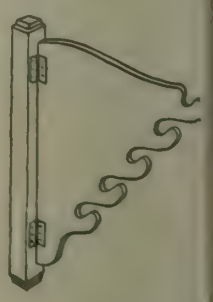
Knotty wood can be very decorative when used for home construction projects. And you can save money by buying knotty wood, especially if the knots in it are somewhat loose. Here's how to use such boards, without having knotholes: Glue a piece of tough paper over each knot on the side of the board that will be hidden. Masking tape or cellophane tape will do the job just as well. *Gil Travis, Minneapolis, Minnesota.*





If your fireplace smokes because the flu is too small for the face opening, chance are good that you can make the fireplac draw without expensive alterations. Tes first, under the smokiest of conditions, b holding a flat sheet of metal or woo against the top of the opening and movin it down to the point where none of th smoke enters the room. Additional masonr brought down to this point or (cheaper) metal hood will make the improved dra permanent. *Bob Mason, Canton, Ohio.*

Are your closets too small to hold all your clothes? Here's an easy-to-make rack that will hold five suits or dresses in the space ordinarily taken by one. The only lumber you need is a small piece of ¾-inch fir plywood. Cut out the rack with an ordinary coping saw. When it's finished, you can attach it permanently to the wall with wood screws, or hinge it as shown so it can be pushed out of the way when not in use. *Dick Hutchinson, Alhambra, California.*



▶ Have you discovered a home-repair short cut? Turn it into money by sharing it! We will pay $10 upon receipt of each usable idea. Ideas cannot be acknowledged o returned. Address the Home Repai Editor, 6603 Meredith Building Des Moines 3, Iowa.

On April 16, 1930, Frank Galloway was fined the sum of $25 in Garwood, New Jersey, on a charge of hit-and-run driving. He was released for a few hours to raise the money, but never returned. On day last summer, Galloway walke into the police station, saying h had decided to surrender in orde to ease his mind.





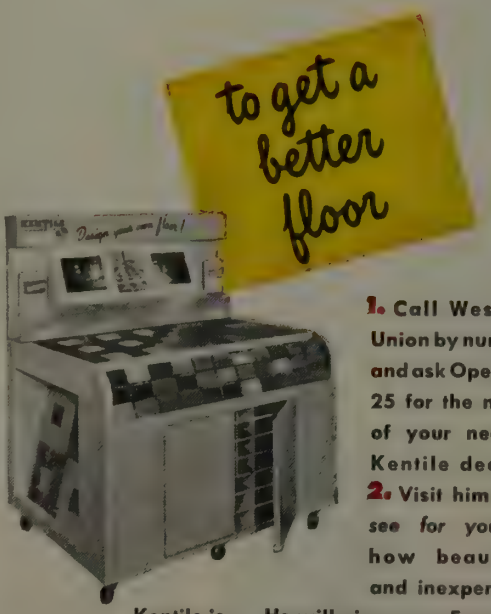
How a Kentile floor makes any room more beautiful!

Notice how this Kentile floor "blends together" all the colors of this room—the walls, the closet, the accessories—into a perfect decorating picture. Color harmony like this can be yours, in any of your rooms. Kentile makes it easy.

Unlike most floors, Kentile comes in squares that can be put together into any combination of colors and designs *you* wish. Your Kentile dealer can show you countless patterns you may alter to match your room. Or he will show you how to put the Kentile squares and colors together into a new floor design—*original* with you. You can be sure of this: — you'll get *exactly* the floor you want. Kentile is custom designed to your *own* taste.

Unlimited color design is just one of Kentile's built-in virtues. In addition, it is durable—so durable it should last as long as your home. Its beautiful colors can't possibly wear off because they go clear through. It's all floor, contains no felt or other backing. Easier to clean, too — the smooth Kentile surface repels dirt.

You might expect a floor like Kentile to be expensive. Decidedly not—many ordinary floors cost more than Kentile. Ask your dealer for full details.



1. Call Western Union by number and ask Operator 25 for the name of your nearest Kentile dealer. **2.** Visit him and see *for yourself* how beautiful and inexpensive Kentile is . . . He will give you a *Free* estimate on the Kentile flooring you choose. **3.** Design your own Kentile Floor on the "Kenstyler", the floor-designing cabinet shown above.

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Feel these weatherproof "King-Size" Brakes

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You float on Ford's new springs

Feel the wool in Ford's upholstery

Better see your Ford dealer today

White side wall tires, optional at extra cost.



Window wall adds height to the front of house, breaks low eave line. Dale and I made the brick flower box one Sunday and two evenings

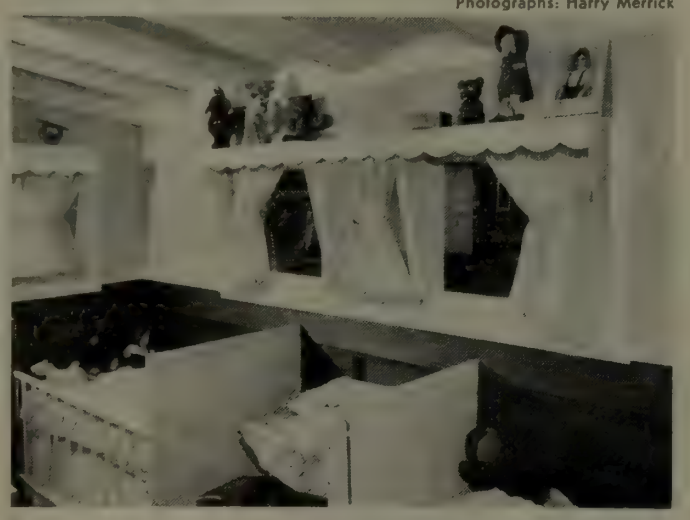
We built our house of weekends

By Emily Walling



Our living room is 14x14, and its large window area lets us see some beautiful sunsets. In fact, they're about all we had to look at until we had time to line the walls and paint them

Photographs: Harry Merrick



Because girls' nursery is only 6x12 feet, cribs, toy chest, and wardrobe were built in. One of these weekends, Dale is going to make blanket drawers and a chest for the room

WE STARTED building our house before we really owned the lot it was to stand on.

There was a good reason for our haste. Like thousands of young couples with children, we had been living in motels and apartments. The winter of 1946 we received notice that we were to be evicted from our current home, and we had no other place to move.

In December we found a lot in Costa Mesa, California, that could be purchased for a small down payment. We were so eager to get our new home started that my husband, Dale, began building the walls in seven- and eight-foot sections—while the lot sale still was in escrow.

Working weekends and evenings after his job at a Laguna Beach lumberyard, Dale had the house ready for us to move into on our wedding anniversary, July 27. We had no gas or hot water; my daughter Judy slept in a corner surrounded by two dressers; Julie Lynne's crib was in the kitchen; Dale and I had a daybed; and the large living-room window was covered with wallboard in place of curtains. But our home was our own, and no one could evict us.

Since we moved in, Dale has built two bedrooms, a dresser, coffee table, and lined the walls. Meanwhile, I have sewed 20 yards of green percale into one piece as a curtain for our living-room window. Together we made a flower box, and put aluminum paint on the roof (Dale found out how fast he could paint when the can overturned just as we were finishing). I made the back-yard lath fence; Dale put it up, and I painted it.

WE STILL have much to do; but considering we've been doing all this on a pay check, it is going fast. And we have saved money by doing the work ourselves. Not counting our labor, it has cost us around $2,000. The average building cost in our area is $8 to $10 a square foot. We built our home for between $2 and $3 a square foot. Up to the time we moved in, we had worked about 350 hours—for which we would have had to pay hourly wages of $2.03 for carpenters, $2.11 for bricklayers, $2.50 for plumbers, and $2 for painters.

We're now at work on a combination service porch, dinette, and rumpus room on the back, which will give us a total of 770 square feet. And what is more important—it's all ours.

We made some of our own furniture, too. Here are our cost lists:

SECTIONAL CHAIR

Sheeting	$1.40
Fir lumber, plywood	1.95
Old mattress pad	——
Leatherette	4.41
Burlap	.78
Buttons	.31
	$8.85

FOUR-DRAWER CHEST

Lumber	$7.00
Knobs	1.20
Paint	.98
	$9.18

COFFEE TABLE

Sugar Pine Lumber	$3.25
Glass	4.50
Paint	.78
	$8.53



Your favorite recipes

from the *Better Homes & Gardens* *Cook Book*

Orange Bowknots

There's orange juice and peel in the rich yeast dough and in the creamy glaze—

- 1¼ cups milk, scalded
- ½ cup shortening
- ⅓ cup sugar
- 1 teaspoon salt
- 1 cake fresh or 1 package granular yeast
- 2 well-beaten eggs
- ¼ cup orange juice
- 2 tablespoons grated orange peel
- 5 cups enriched flour

Combine milk, shortening, sugar, and salt; cool to lukewarm. Soften yeast in this mixture. Add eggs, orange juice, and peel; beat thoroughly. Add flour; mix to soft dough. Cover. Let stand 10 minutes. Knead on lightly floured surface. Place in greased bowl; let rise in warm place (82°) until double, about 2 hours. Punch down. Roll dough ½ inch thick; cut 10-inch strips, ½ inch wide. Knot each. Arrange on baking sheet; cover; let rise until double. Bake in hot oven (400°) 15 minutes. Spread with **Orange Topping:** Blend 2 tablespoons orange juice, 1 teaspoon grated orange peel, and 1 cup sifted confectioners' sugar. Makes 2 dozen.

Biscuits Supreme

They deserve their name. We've never eaten better biscuits than these—

- 2 cups enriched flour
- ½ teaspoon salt
- 4 teaspoons baking powder
- ½ teaspoon cream of tartar
- 2 teaspoons sugar
- ½ cup shortening
- ⅔ cup milk

Sift flour, salt, baking powder, cream of tartar, and sugar; cut in shortening until mixture resembles coarse crumbs. Add milk all at once and stir just until dough follows fork around bowl. Pat or roll ½ inch thick; cut with biscuit cutter. Bake on ungreased cooky sheet in hot oven (450°) 10 to 12 minutes. These are appropriate for afternoon tea or as a base for creamed foods. Makes 16 medium-sized biscuits.

Feather Devil's Food Cake

Light and tender; extra good flavor because of the brown sugar—

- ½ cup shortening
- 1 cup white sugar
- ½ cup brown sugar
- 2 beaten eggs
- 1 teaspoon vanilla
- 3 1-ounce squares unsweetened chocolate
- ½ cup hot water
- 2 cups cake flour
- ¼ teaspoon salt
- 1 teaspoon soda
- ⅔ cup sweet or sour milk

Thoroughly cream shortening and sugars; add eggs and vanilla; beat until fluffy. Melt chocolate in hot water over low heat; blend thoroughly and cool slightly. Add to creamed mixture. Add sifted dry ingredients alternately with milk, beating well after each addition. Place in 2 waxed-pa lined 9-inch round layer cake p Bake in moderate oven (350°) to 35 minutes. Put layers toge and frost with Fudge Frost Decorate with chopped Califo walnuts.

Fudge Frosting

Here's creamy, rich fudge—the McCoy—

- 2 cups sugar
- 1 cup water
- ¼ teaspoon salt
- 2 1-ounce squares unsweetened chocolate
- 2 tablespoons light corn syrup
- 2 tablespoons butter or f fied margari
- 1 teaspoon va

Cook sugar, water, salt, ch late, and corn syrup over low h stirring constantly until sugar solves. Cover saucepan 2 to 3 m utes to dissolve sugar crystals sides of pan. Uncover and c tinue cooking to soft-ball st (236°). Remove from heat; butter and cool to lukewarm. vanilla and beat until spread consistency. If frosting becomes stiff, add small amount hot wa

Barbecued Spareribs

Make these and you'll find they're competition for those at your fav eatspot—

- 3 to 4 pounds ribs, cut in pieces
- 1 lemon
- 1 large onion
- 1 cup catsup
- ⅓ cup Worcestershire sauce
- 1 teaspoon chi powder
- 1 teaspoon sal
- 2 dashes Taba sauce
- 2 cups water

Place ribs in shallow roas pan, meaty side up. On each p place a slice of unpeeled lem thin slice of onion. Roast in oven (450°) 30 minutes. Com remaining ingredients; bring boiling and pour over ribs. C tinue baking in moderate o (350°) until tender, about 45 m utes to 1 hour. Baste ribs with sauce every 15 minutes. If sa gets too thick, add water. Serve

Brown Stew

Don't skip a single ingredient. E one contributes to the superb flav this stew—

- 2 pounds beef chuck, cut in 1½-inch cubes
- 2 tablespoons fat
- 4 cups boiling water
- 1 teaspoon lemon juice
- 1 teaspoon Worcestershire sauce
- 1 clove garlic
- 1 medium-sized onion, sliced
- 2 bay leaves
- 1 tablespoon s
- ½ teaspoon pepper
- ½ teaspoon paprika
- Dash of allspic or cloves
- 1 teaspoon sug
- 6 carrots, quartered
- 1 pound (18 to 24) small white onions

Thoroughly brown meat on sides in hot fat; add water, le juice, Worcestershire sauce, ga

[*Turn to page*

Petal smooth...





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ON
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It's like drifting off on a cloud of flower petals when you sleep on Dan Rivers. And you'll find these sheets wash and wear beyond your fondest dreams. Ask your favorite store for Dan River Sheets in the new pastel flower package.

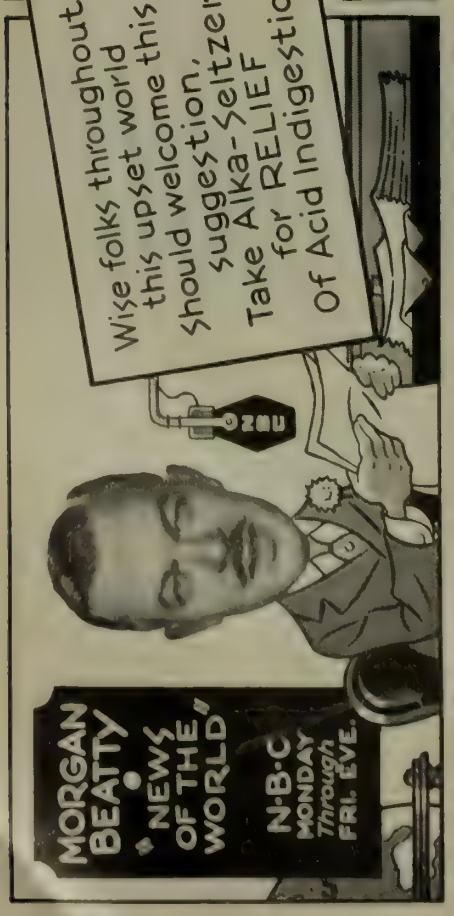
Dan River Mills, Inc.

There's Nothing Quite Like Alka-Seltzer

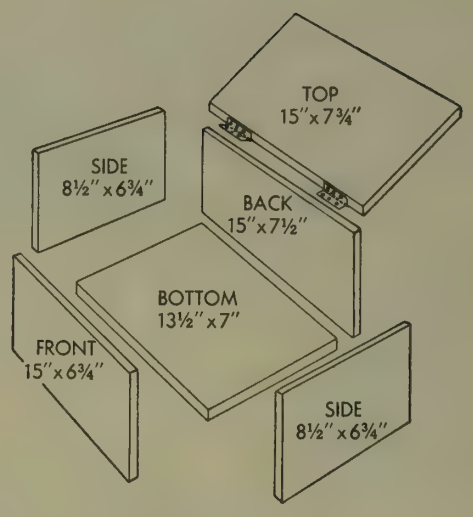
For fast, *dependable* relief from a stomach upset, take Alka-Seltzer! There is nothing quite like Alka-Seltzer. Here's why: **(1)** Alka-Seltzer's pain-relieving agents for relief from headache which so often accompanies stomach upsets. **(3)** Alka-Seltzer's fizzing effervescent action, in itself, is soothing to an upset stomach. **(2)** Alka-Seltzer alkalizing agents are wonderfully effective in relieving excess gastric acidity. For *dependable* relief from acid indigestion, take Alka-Seltzer. At all drugstores, U. S. and Canada.



TRY IT for ACID INDIGESTION HEADACHES DISCOMFORT OF COLDS and MUSCULAR ACHES and PAINS



What you'll need for flower arranging



These are the pieces you'll need to make a toolbox. The hinges fasten inside the back piece

By Henrietta Stoner

YOU'LL find flower arranging twice as easy if you keep the tools needed all together in one convenient kit. Then you'll not be scurrying around the house hunting for stray pieces of equipment or losing special tools.

A handy man can make the toolbox shown here. (See sketch.) We have designed it around three silverware trays from the dime store. For the other things you need, see below.

Photograph: Stanley



To equip the toolbox for flower arranging, you'll need (1) small hammer, sharp knife, spool of fine florists' wire; (2) needlepoint holders, roll of florists' tape, small hack saw; (3) flower clippers; (4) chicken-wire holder, rocks; (5) small pebbles; (6) stiff florists' wire; (7) block of plastic foam from the florist; and (8) three plaque-wood stands for flower bowls.

A little extra glass means a lot of extra charm

THAT'S one of the best things about decorating with glass . . . a little goes a long way. One simple application of glass in any room is usually enough to transform the room completely, to give it new beauty, smartness and vitality. The room at the right, for example, has taken on new sparkle thanks to one simple addition: fireplace paneling of Pittsburgh Plate Glass structural mirrors. The mirrors dramatize the room's charm and multiply it by reflection.

Room by B. Altman & Co.





FURNITURE TOPS of Pittsburgh Plate Glass . . . a simple use of glass that does 2 things—(1) protects fine furniture from tumbler rings, cigarette burns, scratches and (2) improves the attractiveness of the room.

WHERE TO BUY. Your department store or other local glass supplier can help you work out your ideas for the use of glass and mirrors in your home. And when you buy, always look for the Pittsburgh Label. It means quality Plate Glass.



FREE BOOKLET!

Packed with practical suggestions for using glass and mirrors inexpensively to dress up your rooms. Illustrated in full color. Ideas for old homes and new.

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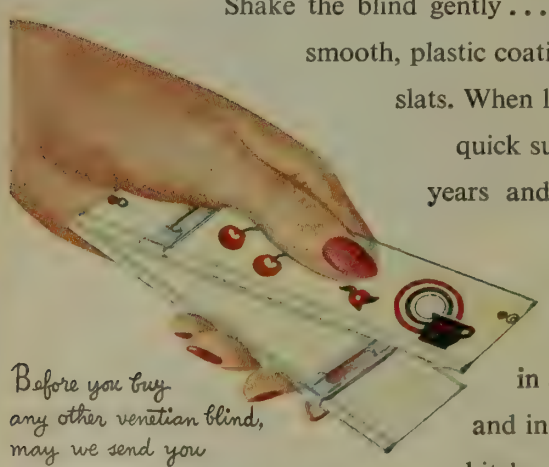
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by night...
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by day with
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With soft, friendly light filtering through translucent fabric slats, every window becomes a picture window with a *Sunchek* venetian blind. But over on the housekeeping side, *Sunchek* blinds are as practical as they are beautiful. Feather-light and slender... they operate smoothly, noiselessly... and stack gracefully. Shake the blind gently... loose dirt rolls right off the smooth, plastic coating that protects the fabric slats. When laundering is necessary, just a quick sudsing does it... and for years and years you'll be constantly amazed how fresh and crisp *Sunchek* blinds come from the bath. Available in a range of popular colors... and in gay, hand-blocked prints for kitchen and bath. Ask for custom made *Sunchek* blinds at your favorite store.



Before you buy any other venetian blind, may we send you FREE samples of these new Sunchek Fabric slats

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Any small child can be taught to shake hands greeting and when saying good-bye to a visit

How to teach your boy or girl good manners

Begin teaching courtesy when they're toddlers. Continue through the teens. The author of "Susan B. Smooth," a popular book on manners, tells how

By Nell Giles Ahern

WHEN Susie stuffs her mouth full of food and talks through it, do you sigh and hope she'll outgrow it?

When teen-age Eddie gets into a quarrel with the girl next door because he's sick of her, and the whole thing ends in coolness between you and her parents—do you think sadly, "He'll learn"?

He won't learn unless you teach him! If you give up the fight for good manners, he'll have to wait until he is old enough to figure out that something is lacking. Then he will begin to pick up a veneer of behavior by watching other people and reading books. And it's never the same!

You have to teach good manners at home. You must keep everlastingly at it. And hardest of all, you must be a

A Better Homes & Gardens child



Opening and holding doors for grownups will win adult admiration for your child and give her poise

Photographs: Marion Pease



For that important first dinner date, brief your teen-ager on restaurant etiquette . . . entering, being seated, who orders, and table procedure

shining example. You can't teach Susie to chew with her mouth closed if she can look around and say, "Daddy doesn't!"

Girls are willing—but boys are wary

Training a girl to be sweet, polite, and courteous is like training a willing vine. Girls *want* to be nice.

With a boy, it's different. You must appeal to his manliness, develop his pride, show him that his dad does it this way.

You must know what to expect of your boy or girl at each age level: toddler, preschool, grade school, teen-age. Each level takes a different kind of training. So begin now.

Toddlers Terry and Therese

"*Thank you!*" Every time you give Terry or Therese something, say "Thank you!" Bow your head slightly and smile. Even before they can talk, they'll copy your bow and your smile and associate "thank you" with receiving.

"*Hello*" . . . "*Good-bye.*" Again by repetition and example they learn. Teach Terry and [*Turn to page 253*

care and training feature

No defrosting

DUAL-TEMP

2-IN-1 REFRIGERATOR

by ADMIRAL



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AMERICA'S MOST *WANTED* REFRIGERATOR! . . . because only DUAL-TEMP offers all these time-saving, food-saving features: Built-in HOME FREEZER *really* quick-freezes at 15° *below* zero. Stores up to 70 lbs. of frozen food safely for months. Huge, MOIST COLD COMPARTMENT never requires defrosting! Keeps food fresh and moist without covering dishes. STERILAMP kills germs, helps preserve food longer. Excess moisture removed by MOISTROL . . . the self-emptying drip tray. These and many other features make DUAL-TEMP first choice of those who want the finest. Admiral Corporation, Chicago 47, Ill.

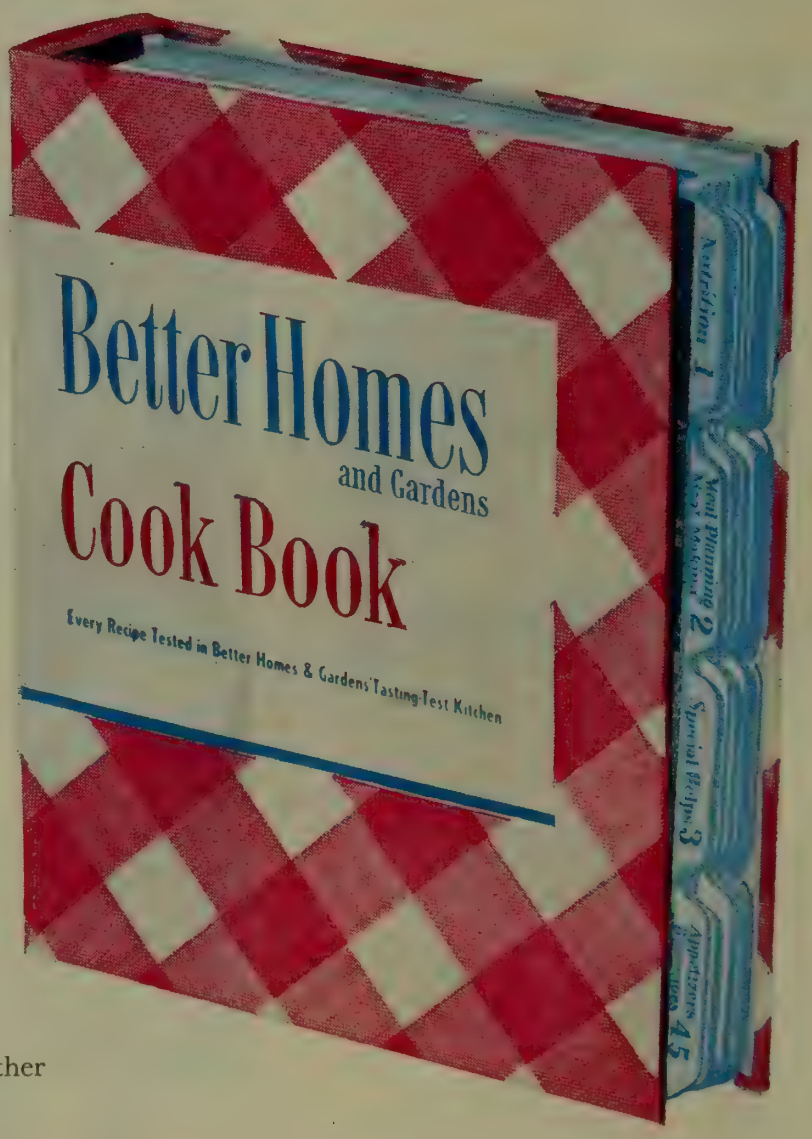
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Let your favorite recipe help you

WIN $1000

in the $3,000.00 Better Homes & Gardens recipe contes





It's so easy to enter . . . with 58 prizes to win. Just follow the simple rules on this page. *Better Homes & Gardens* big recipe contest celebrates the sale of the 3,000,000th *Better Homes & Gardens Cook Book*. No other cook book combines so many advantages.

Triple-tested recipes—Recipes are the heart of a cook book, and the *Better Homes & Gardens Cook Book* has more than a thousand of them, each triple-tested by our food editors.

Complete in every respect—tabbed and indexed. It's loose-leaf—lies flat when open, and new recipes can easily be added.

Helps trim food bills—giving special attention to economy cooking, whether for large families, or for just two or three. Four out of five women who use it say it's the cook book they prefer above all others.

You can get your copy for only $2.75 (Canada $3) at leading book and department stores. Or order postpaid from 7203, Meredith Bldg., Des Moines 3, Iowa.

PRIZES

1st prize	$1,000.0
2nd prize	$500.0
3rd prize	$250.0
10 prizes of $50 each	
20 prizes of $25 each	
25 prizes of $10 each	

HOW TO ENTER

1. Write one of your favorite origin recipes on a plain sheet of paper, usi only one side of the sheet. By origin recipe we mean one that you have creat or one that has been handed down in yo family—not a recipe already publishe Be sure to give exact measurements a complete instructions for accurate testi of the recipe. Please classify your entr according to chapter tabs in the *Be Homes & Gardens Cook Book* und which you think it classifies.

On the back side of the sheet on whic you wrote your recipe, complete th statement in 50 words or less: "I am a owner of the *Better Hom s & Garde Cook Book* and I like it because . . ."

2. Mail your entry to Recipe Contes *Better Homes & Gardens*, Des Moines Iowa. No entry blank, coupon, or prem um is required.

3. All entries must be mailed during th period of February 25 through April 3 1949, and postmarked not later than mi night of April 30.

4. Entries will be judged on the basis originality, taste and appearance an clearness of presentation. Decisions of t judges will be final. Duplicate prizes w be awarded in the event of ties. No entri will be returned and all entries and ide therein become the property of the Mer dith Publishing Company and may b published without obligation. This co test is subject to state and federal regul tions.

5. The grand contest prize is $1000 i cash, for the best entry as described abov in paragraph 4. Other prizes are 2n prize—$500; 3rd prize—$250; 10 prizes o $50 each; 20 prizes of $25 each; 25 prize of $10 each. The total amount of prizes t be awarded is $3000.

6. Any resident of the United States o Canada may enter the contest, except employees of the Meredith Publishin Company, its advertising agencies, and their families.

7. Winners will be notified by mail with in 30 to 60 days after the close of the con test. A list of winners may be obtained by sending a stamped self-addressed envel lope to the contest address 60 days afte the close of the contest.

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Five ways to stay friends with your neighbors

UNLESS you own an estate, surrounded by a stone wall or a moat, you probably have neighbors. They're usually wonderful folks—almost as hard to get along without as they are to get along with. Here are five time-tested planks for your own "Good Neighbor Policy"!



1. Widen your circle. Get to know *all* your neighbors, or at least more than one family. Be friendly, but a little aloof at first. Call a cheery "good morning" and introduce yourself to all who stray your way the day you move in, but don't get in a tizzy worrying about whether they're going to like you, and don't go wooing them. Have friends from your old neighborhood in, or people from the office.

Neighbors will court and include you quicker if you don't act like a sorry set of social dependents plopped on them. Don't get too thick with any one family. Take the Caseys and the Blairs. They were "back and forth" all the time. The women shopped and sewed together; the men shared garden plots. But the children quarreled. Now the Caseys aren't even speaking to the Blairs, much to the amusement of the other neighbors who felt left out and resented it.



2. Return favors fast. If your next-door neighbor keeps Johnny while you go to P.T.A., make haste to relieve her of Susy some afternoon. Never send a plate home empty. Maybe you can't cook like Mrs. Smithers, who's continually bombarding you with goodies, but scare up something—a few fresh eggs, a book, some flowers. Go easy on the borrowing—keep *your* house well-stocked with hammers, rakes, vanilla, soap, and other things that send you begging at back doors.

Such errands, if frequent, play smash with prestige. And niggling little debts can throw a wrench in otherwise smooth relationships. It's asking too much of Mr. Hoozit to remember what a swell guy you are when he's wondering what became of the fly rod he lent you three weeks ago. And you'll find yourself blushing in the presence of Mrs. Munzy when your conscience reminds you her egg beater still reposes on your shelf.

More on next page

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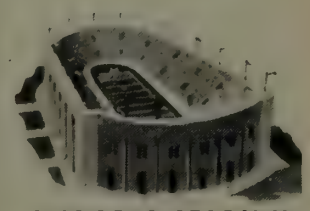
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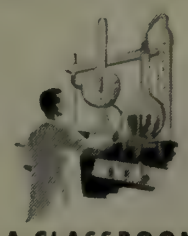
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A THEATRE



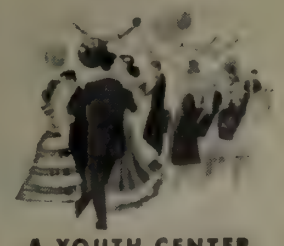
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Look for this brand name when you buy cream cheese

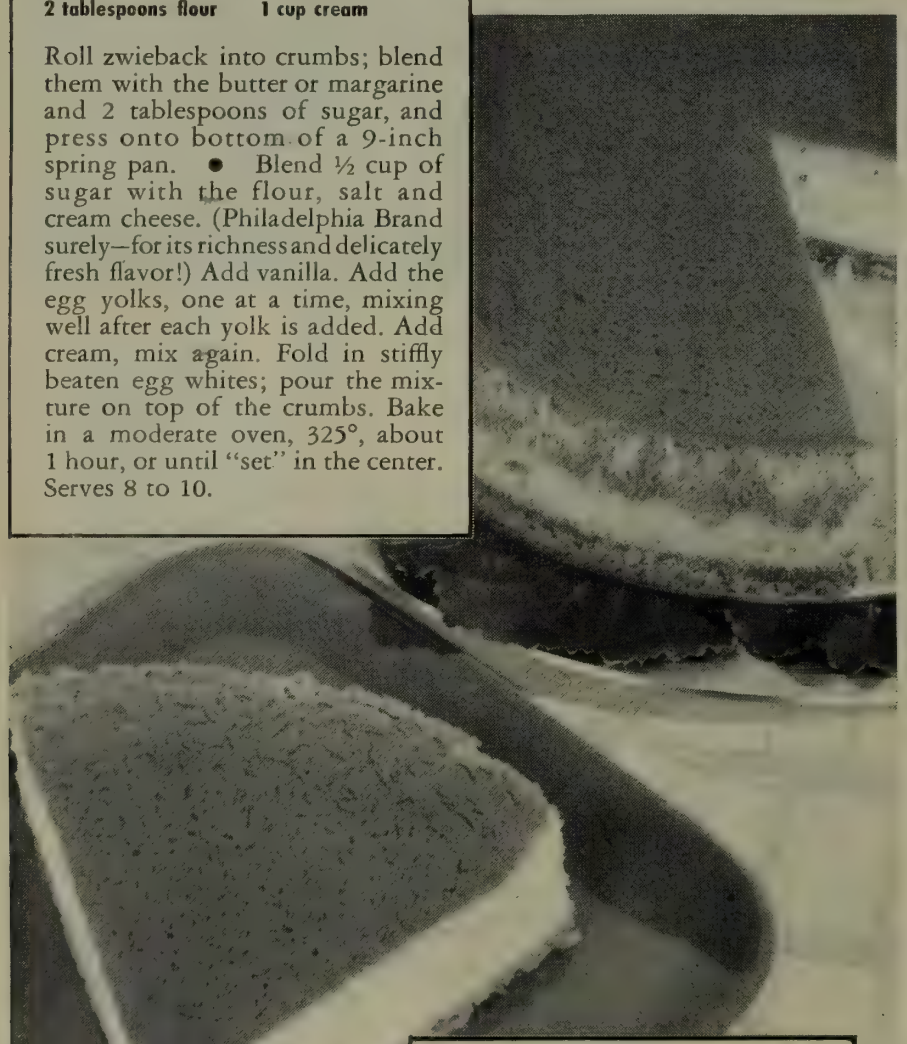


SUPREME CHEESE CAKE

¾ pkg. zwieback
2 tablespoons butter or Parkay Margarine
2 tablespoons sugar
* * * *
½ cup sugar
2 tablespoons flour
¼ teaspoon salt
5½ 3-oz. packages Philadelphia Brand Cream Cheese
1 teaspoon vanilla
4 eggs
1 cup cream

Roll zwieback into crumbs; blend them with the butter or margarine and 2 tablespoons of sugar, and press onto bottom of a 9-inch spring pan. • Blend ½ cup of sugar with the flour, salt and cream cheese. (Philadelphia Brand surely—for its richness and delicately fresh flavor!) Add vanilla. Add the egg yolks, one at a time, mixing well after each yolk is added. Add cream, mix again. Fold in stiffly beaten egg whites; pour the mixture on top of the crumbs. Bake in a moderate oven, 325°, about 1 hour, or until "set" in the center. Serves 8 to 10.

...for a cake that's utterly different!



Far more food shoppers buy Philadelphia Brand than *all other* brands of consumer packaged cream cheese *combined*.

THERE IS *ONLY ONE* "PHILADELPHIA" CREAM CHEESE
. . . THE BRAND THAT'S MADE BY KRAFT AND

Guaranteed Fresh!

Five ways to stay friends with your neighbors

Begins on preceding page



3. Stay out of children's quarrels. If you run to Johnny's rescue every time he's getting the worst of it, some day a policeman may have to run to yours. Don't boss youngsters other than your own, but try not to bristle when *your* offspring gets taken into camp by Mrs. Brown. On every street there are people who think it's their duty to check on the manners and morals of other people's progeny. Train your young to be as unobnoxious as possible; don't worry too much about meddlers. Take pride in Junior, but never let other parents suspect your private conviction that he's a little genius.

Keep your hound at home and keep him quiet. Roving Rovers that playfully upset garbage cans, paw up flower beds, and chase cats up trees, do not make for undying friendships. If you go in for such quaint pets as porcupines or foxes—better find a farm!

4. "Keep yo' big mouth shut!" Tempting as it is to babble about your affairs, social, domestic, and financial, refrain. Mysterious airs are silly, but reticence begets respect. Whatever you do, resist alluring huddles wherein someone whispers, "Have you heard about the Bowsers?" Don't be bossy. Let the girls figure out how to raise their children, plan their meals, or keep their husbands, unless they ask you for advice. And don't brag—if you must have a new fur coat or a new car, say you won them in a raffle. It's bad to be someone who tries to keep up with the Joneses, but it's poison to be the Joneses others feel they have to keep up with!





5. Put your family first. Getting along with the neighbors is important, but getting along with your family is doubly so. Never let a difference of opinion about the Lutzes come between you. Never sacrifice that afternoon you promised the children at the zoo or beach just to make a fourth at golf or bridge. Remember that your own four walls and those within them are more vital to you than all the neighbors in the world. Put them first! And let the neighbors do likewise.



The Maytag Chieftain.. America's finest low-priced washer..a genuine Maytag in every respect, only $124.95*

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And you can pay for your Maytag easily, in low monthly installments, while you enjoy all its wonderful advantages. You'll like the way it gets your clothes so sparkling clean—almost unbelievably fast—with its famous Gyrafoam action. And the way clothes dry so quickly, too, because so much water is taken out by the exclusive Maytag Roller Water Remover. Yes, and the dependability . . . the *complete*, all-round satisfaction, on which the Maytag reputation is built.

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*Recommended price, subject to change. Higher in Western and Southern states. Extra equipment available at additional cost: automatic discharge pump ($10.00); gasoline engine; automatic timer (for Master model only).

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How many logs to keep warm?

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Yes, it's a basic instinct that tells you to check up on your supplies, for today and tomorrow. In a larger sense, but equally practical, that is what The Prudential's new Dollar Guide does for you. It enables you to check up on just how many dollars your family can count on from present assets, if you should happen to be unexpectedly taken from them.

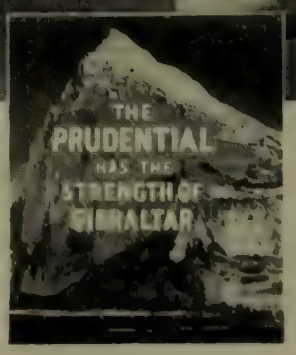
But also, and even more important, the Dollar Guide can do a remarkable job of helping you to see for yourself how adequate those dollars will be for your family's future needs, whether or not you live to retirement age.

Ask your Prudential representative to show you the Dollar Guide.

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How to butcher a good house

By Rand E. Wright



A STOCK house plan may not fit your family to a T. Minor changes may be required, and you are undoubtedly the one to decide what changes should be made.

Undoubtedly, though, you *aren't* the one to design the changes. That's a job for a thoroughly trained designer.

Here is *Better Homes & Gardens* Five Star Home No. 1612. It's small, compact, attractive. You might think it would be hard to butcher. But two readers found it easy to massacre.



▸ Our first butcher wanted four changes: a brick exterior, an entrance hall and closet, small-paned windows, and a better (?) roof line on the garage. He made changes himself.

What he didn't know was that brick often makes a small house look smaller, that small-paned windows are more work to clean and not as attractive on this house, that the house was too small for the wart he added to the front, and that the garage was well-designed to begin with.

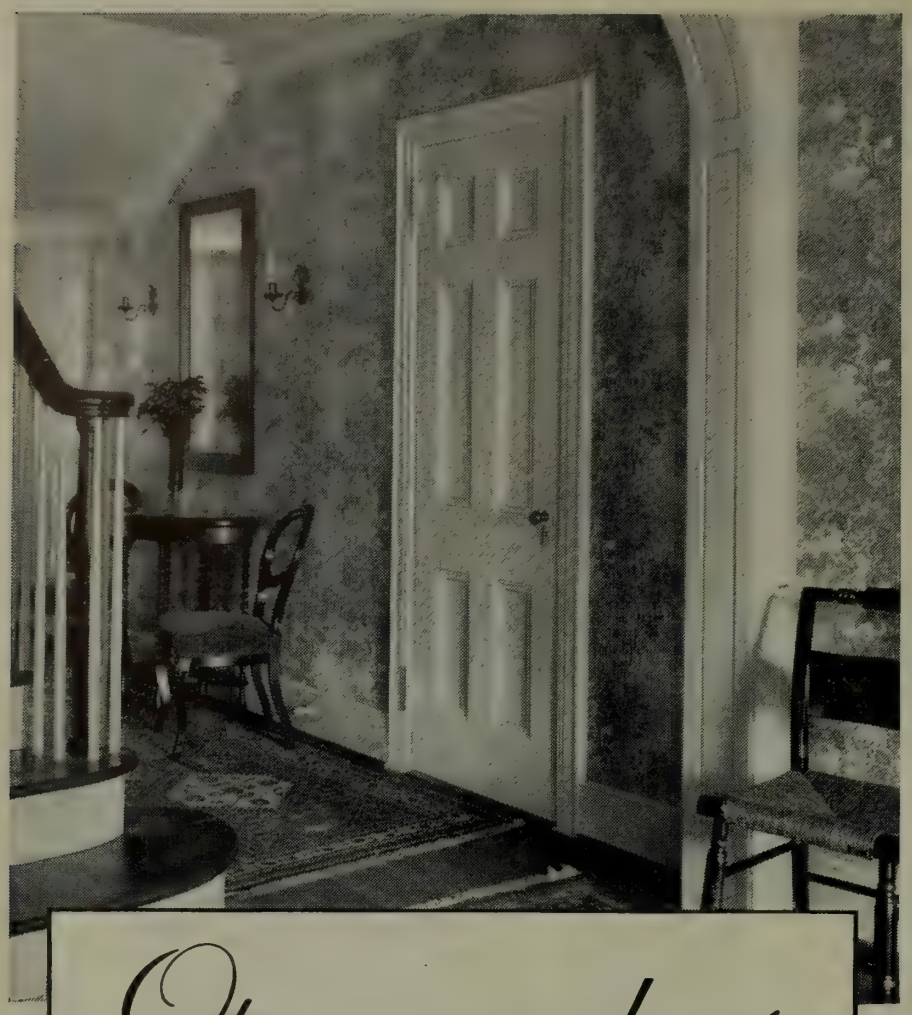


▸ Another butcher made only minor changes, but the results were a major mess. He detached the garage to get more light in the kitchen, which left him a tiny, boxy house. He installed fixed glass adding shutter-like louvers beside the windows for ventilation. This change made the window opening much too large for the size of the house. Then he painted the house all one color, destroying the emphasis of the white trim around the front door.



▸ To prove that a change is possible, here's the home of a third couple who went to a designer for help. They, too, wanted more light in their kitchen, but got it by moving the garage back 12 feet, away from the house four feet, and connecting it to the house with a small breezeway. They also felt that a chimney, while not absolutely necessary, would make their home in keeping with others around it. So they added, not a skinny toothpick, but a full, fat chimney.

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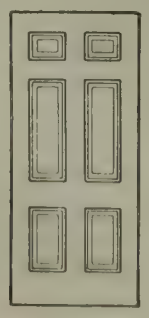


Open your doors to Serenity

Times may be troubled, but your home can still express a gracious serenity. For example, there's a calm friendliness in panel doors of Ponderosa Pine—with their eye-soothing proportions, delicate "shadow" lines, and restful harmonious planes . . .

In these doors, you will find modern craftsmanship at its finest —brought within the reach of the modest building or remodeling budget. And, for long life, Ponderosa Pine doors have the satin-smooth surface that takes and holds paint so firmly . . . the even grain that takes nails and screws without splitting . . . the durability that stands years of hard use.

To help you bring beauty and serenity to your home, we have prepared a 32-page booklet, "Today's Idea House"—containing many photographs, showing beautiful interiors created with Ponderosa Pine doors and windows. Here's a booklet that contains inspiring ideas on every page. Send only 10 cents for "Today's Idea House"—mail the coupon! Most retail lumber dealers handle Ponderosa Pine doors.



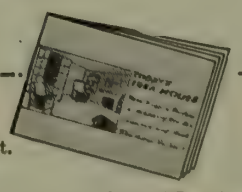
Adapted from an authentic colonial design, this Ponderosa Pine six-panel door dates back to earliest American history. It is one of many Ponderosa Pine stock design doors, including four-panel, two-panel, single-panel; flush and mirror doors.

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How one kitchen go

By Bob Gilmore



THREE years ago my wife and I owned this house in Corte Madera, north of San Francisco. Though middle-aged, it was sound as a 1939 dollar.

But the house had several flaws. Too few closets. No garage. Only two bedrooms (we had three children). An inadequate kitchen.

We sold the house to Mrs. Clara Taber who had two children and no car. A perfect fit, we thought. But when I stopped by a few weel ago, I found the Tabers had ove come the remaining flaw—th kitchen.

Where we had avoided the prol lem by moving, the Tabers ha solved it. So I rounded up a photog rapher and together we took pic tures to tell the story. Look ther over; your kitchen problem ma not be the same as the Tabers', bu they may give you an idea.

Photographs: Philip Fe



BEFORE Small step led into the service porch. On porch there was roon only for water heater and, crammed into one corner, washing machine One window was painted to hide inside; when it stormed, rain beat i

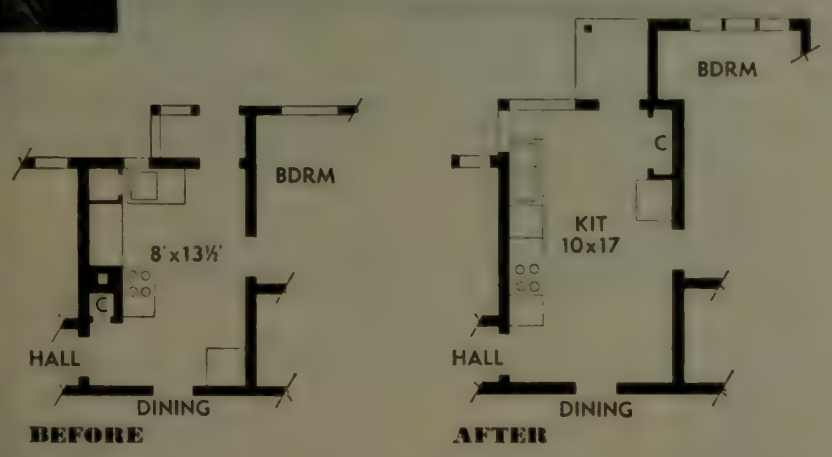
storage and work space





BEFORE This is how kitchen used to look. Only working space was on range, sink, and a pint-sized counter recessed under a china cupboard. Only storage space was under this counter, in the sink cabinet, in the china cupboard, and in drawers of range. Lighting was never adequate; even on brightest days we had to use both light fixtures. And to do our laundry we had to bring washing machine from porch, use sink as laundry tray

AFTER Now metal cabinets and counter units furnish needed storage and work space. Double sink has been added. Wall at left was moved over, adding two feet to width of kitchen. Wainscot of tile board replaced wood plank paneling. Old service porch was incorporated into the kitchen, and new corner windows now pour light over automatic laundry. Fluorescent light isn't needed during day, it is on only to show





AFTER Now service porch is part of kitchen, with windows that aren't supposed to hide what's behind them. Small bedroom at left has been lengthened five feet, and roof extended to protect kitchen entrance

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BEFORE



Getting rid of the porch gave us a lighter living room, but the room was still far too narrow and cut up to be very attractive



We enlarged the living room to 18 by 18 by adding a steel I-beam at the corner. It carries the new roof which covers corner we built out

Good lines make an old house new



Corner windows of contemporary desig light new corner. We covered clapboard with building paper and redwood sidin

By William H. Hallenbeck



Flush siding covers all outside walls. Single door replaced French doors. Roof line was extended as archway to balance exterior

AFTER

The finished house is a far cry from what we began with. We gave the siding a coat of hard oil so it would hold its color before putting it up with galvanized nails. Trim is white with a softening touch of gray in it. Through the balancing archway you can see the carport at rear



ASIDE from the structural changes you see here, we did little to the house we bought in Lake Bluff, Illinois. Structural changes, though, make our "new" home an eye-catcher.

By filling in a corner where the porch used to be, we added 42 square feet of space to our living room, and an under-the-eaves closet upstairs. We enclosed a porch across the rear of the house to make a large utility room. Over the utility room is a deck reached from the two bedrooms we cut out of an oversized solarium. The carport at one side shelters our car but doesn't cut light out of the house.

Painting trim white brought out the color and texture of the redwood siding. Adding the arch over the driveway was our solution to the problem of overcoming the lopsided appearance of the house once the porch was gone.



WILTSHIRE (illustrated) 72" x 88" about $7.95; also available in sizes 58" x 80" and 58" x 58"

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New ovenproof dishes make a smart service for chili. They come i a handsome blend of green and brown. A cracker basket filled wit crisp salted wafers is right with it. Now watch the gang go for your chi

Smart dishes

Here are nine ideas for making soup and chili look all the better to eat. You'll see new dishes here, get serving ideas for your old ones

By Chris Hutten

Photographs: Stanley



Jade-green crackled pottery dishes make an Oriental setting for Chinese-red cream of tomato soup. Bring on crisp, fluffy popcorn as an accompaniment. A good combination for your informal luncheons



Gay yellow pottery is perfect for showing off Vichyssoise, the French potato soup. This white soup calls for a rich-toned serving dish. Tureen and bowls are accented by red flowers, green leaves and border

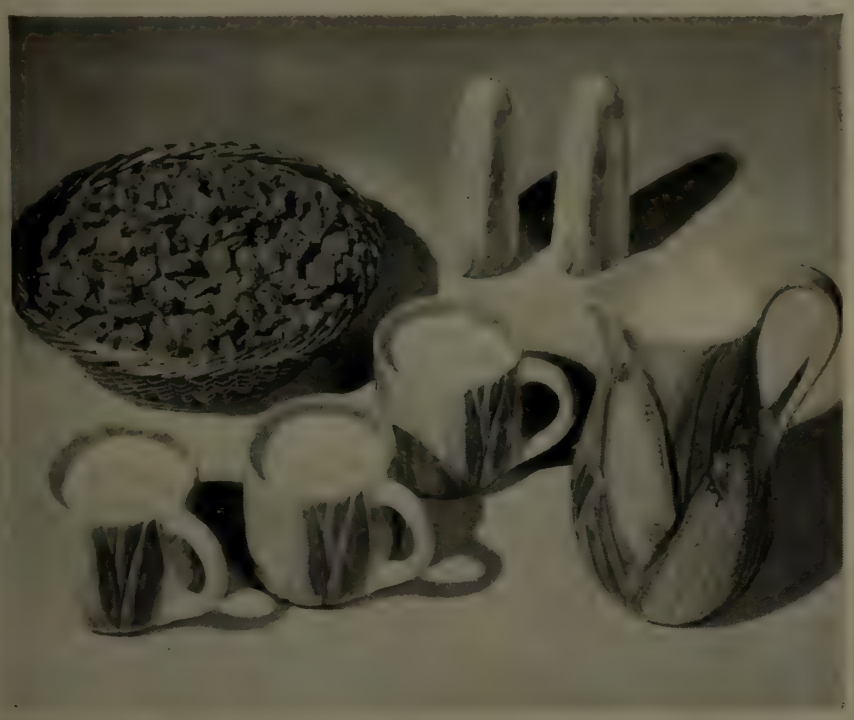
for soup

SERVE your soup glamorously. Then listen to your friends and family praise its goodness.

Soup more than any other food needs the help of smart service. What could have less eye appeal, for example, than potato soup served in a plain white soup bowl? But put potato soup in a big yellow tureen and soup plates and see how it invites you to taste.

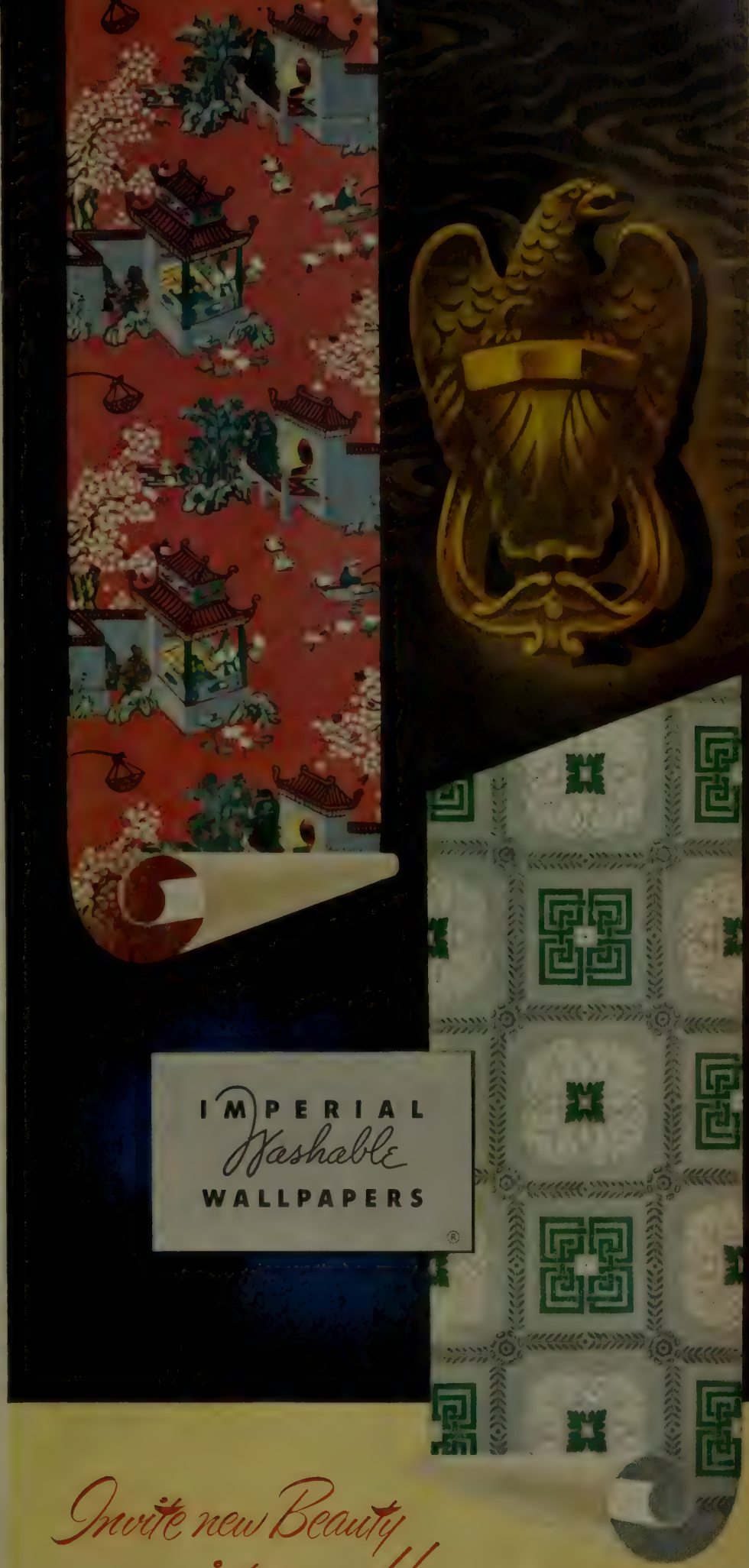
You don't have to buy all new accessories. Serve soup in pottery coffee mugs, or under cover in individual casseroles. Look at the pictures for ideas for your own dishes.

More on page 189



Sturdy yellow and green corn mugs and corn pitcher are festive. Open up cans of cream-style corn for rich corn chowder if company descends on you. Pass buttered bite-sized cereal biscuits

Where to get it, page 264



Invite new Beauty into your Home **WITH NEW**

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nart dishes for soup

Begins on page 186



ottery mugs make chicken broth a party treat after an afternoon or ening of bridge. Pair it off with toasted cheese sandwiches. Soup n't keep your guests awake at night and is delightfully different



chartreuse pottery cup holding beef and vegetable soup pre- icts good eating. These giant cups, copied from famous old English nes, are plentiful on the market. And they're ideal for soup service



Beige and blue ovenproof bowls with hearty black-bean soup— a man's favorite. Dishes are smart setting for the soup's brown color. Add crisp bacon squares and serve with a side dish of cheese crackers

What! Put your best tablecloth in the washer

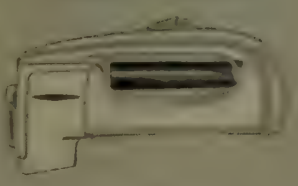


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"ACTIVE AIR" CONVECTORS

How handy man ca

See plastic-house feature, starting on page

By Walter E. Burt

THE uses you can make of a plastic fabric in your home are limited only by your imagination.

Plastic fabric makes a smooth, durable cover for an old table, desk, or door.

It can be tacked over padding to improve both looks and feel of an inexpensive straight chair.

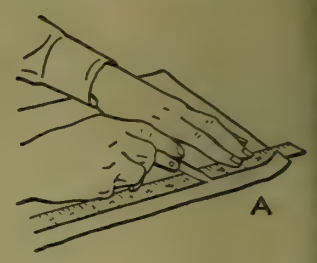
It's an easy-to-handle material for surfacing such things as radios, metal boxes, drainboards, picture frames, even old pianos.

It can be used to make your lawn furniture virtually weatherproof.

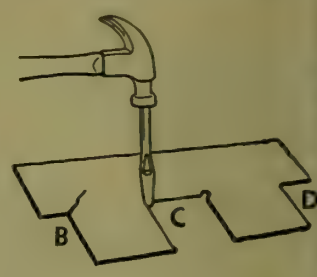
When you shop for plastic fabrics for home use, you'll find them sold under a variety of trade names. They usually come in widths of 50 or 54 inches, in a great many colors and textures, including some that simulate leather. There are two general types—"supported," a fabric with a cloth backing on the plastic sheet, and "unsupported," without the backing. For home applications involving an adhesive, the cloth-backed type is preferable.

Photographs that follow show a number of specific handy-man jobs you may want to try. But whatever job you plan to do with a plastic fabric, here are several general tips that will help you do the job right.

Cutting. Use heavy-duty scissors. For very straight cuts, place the plastic sheet on a smooth board, and cut it by running a sharp knife blade along a metal straightedge (Sketch A). For intricate cuts, use a sharp wood chisel.



Avoid sharp, angular cuts th might start a tear (B). Round any inside corner where t straight cuts meet (D). Professio als use a hollow punch to make tiny hole at each inside corner (C



To make decorative inser place two plastic sheets of contra ing colors together. Hold the firmly and cut the design throu both sheets at the same time. Th exchange the cutouts when y glue the plastic in place (E).



Sewing. You can sew plastic fa rics with a machine. Use a fai long stitch, say six stitches to inch, with light, even tension.

New top for an old table

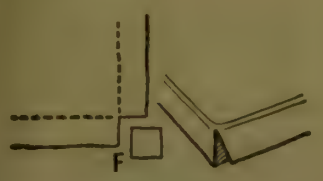


To cover a scarred table or counter top, remove old cover, fill holes with wood plastic, and roughen surface with coarse sandpaper so glue will hold. Allow enough pla tic material to fit into fran grooves or to fold under and tac Spread adhesive over table surfac

use plastic fabrics

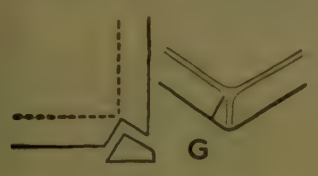
Tissue paper under the seam and talcum powder on plastic edges will prevent sticking. Use a fine needle, with plastic or mercerized thread. Run the machine slower than for ordinary sewing. On lawn furniture, use nylon thread for rot resistance.

To smooth a plastic fabric before sewing, hang it over an open door. Don't press with an iron; heat may soften the plastic.



Corners. To do a neat job of covering an outside corner, cut out a square segment of plastic so there will be no overlap (F).

By tipping the angle, you can move the joint away from the corner so it will be less likely to be pulled loose (G). Round the wood corner slightly with sandpaper.



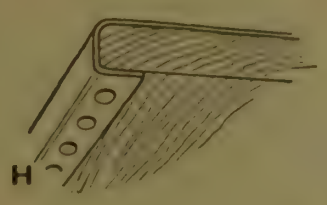
Gluing. You can use almost any good rubber cement or water-mixed glue to cement cloth-backed plastic fabric to wood. Waterproof casein glue is often used, as are the newer resin adhesives. If waterproofness is not important, any of the old reliable hide or fish glues will do the job. If you are covering a metal container, select an adhesive that will stick firmly to both cloth and metal.

The adhesive you use should be of fairly heavy consistency.

Some adhesives should be kept off the plastic surface, so test a scrap for staining. But usually you just wipe away any excess that gets on the surface, or peel it off later.

Use plenty of adhesive under inserts, trim strips, corners, and edges. Follow directions on application and drying time.

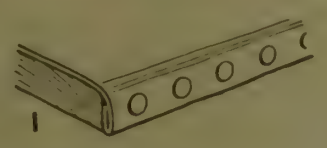
Tacking. When you cover something like a chair seat without using glue, draw the plastic fabric fairly taut, and hold it with large-headed tacks. Place tacks quite close together, say every inch or less.



Edges. Easiest way to handle the edge of a flat surface is to pull the plastic fabric over it and tack on the under side (H).

If you prefer, put a row of closely spaced decorative tacks directly into the edge (I).

Your cover will last longer if you round edges with sandpaper.



Maintenance. Clean plastic with a damp cloth, plus an occasional washing with soap and water. Use cleaning fluid to remove greasy dirt if soap and water won't do it.

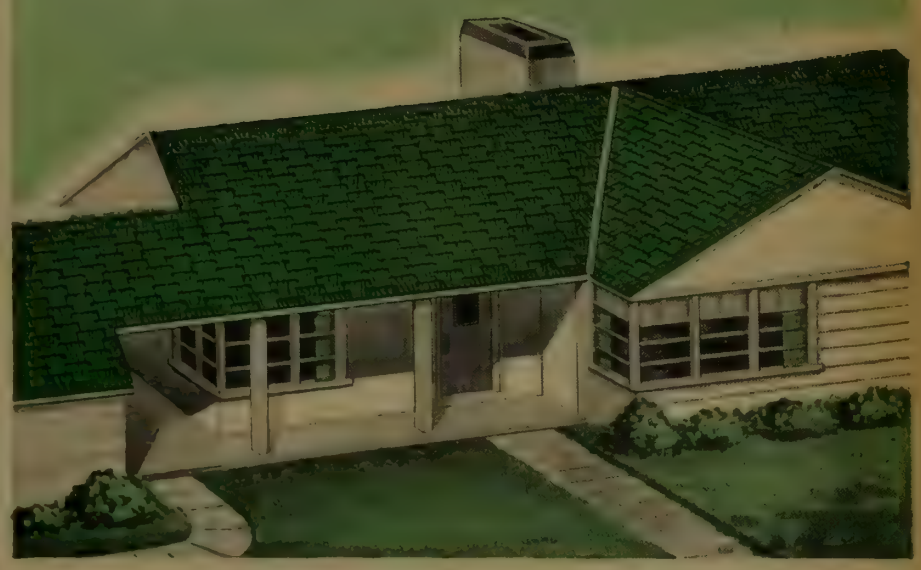


Position plastic on glue-covered top and roll it down, working air bubbles toward the edges. Use a photographer's roller or improvise one by putting a short length of window-shade roller under a book. Glue or tack edges, depending on table. Let glue set for several hours.

More on next page

Good looking roof

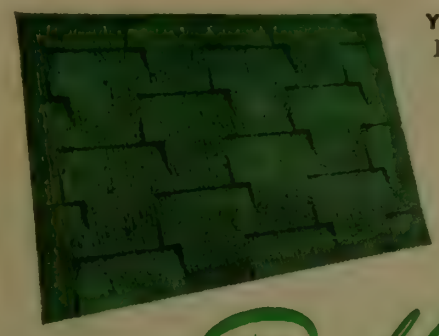
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These shingles are an exclusive development of The Ruberoid Company who for more than 60 years have pioneered in creating top-quality building materials. Ask for them by name... Ruberoid Dubl-Coverage Tite-On Shingles. See your local Ruberoid dealer, or use the coupon below for full information.



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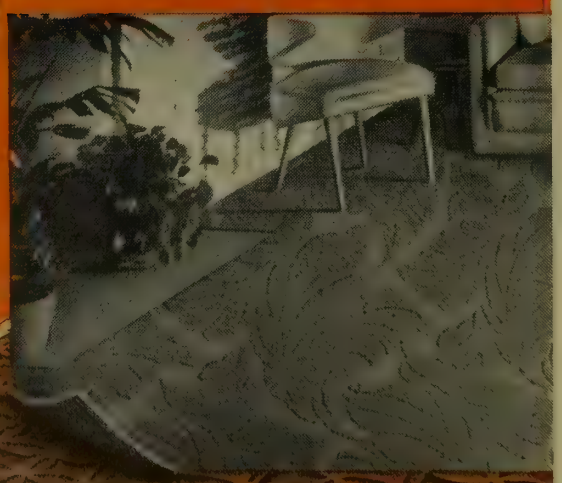
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Plastic fabrics

Upholstering a flat surface



A flat wooden surface suc as that of a chair back, a be headboard, a screen, or eve a door can be made mor attractive by using cotto padding and decorative tack to achieve a tufted effec First tack the plastic cove along one edge of the boar



Next, spread quilting cotton evenly over the board's surface to a thickness of about ¼ inch when compressed. Pull the plastic covering tight over this cotton and tack it to the board's other edges with small carpet tacks.



To achieve a neat finishing touch, cover the raw edge with a binding strip. Use a 1-inch strip of the plastic folded double as shown, and hold it with large-headed brass upholstery tacks spaced 1 inch apart. You could get a similar effect by merely folding under the raw edge of the cover and tacking it

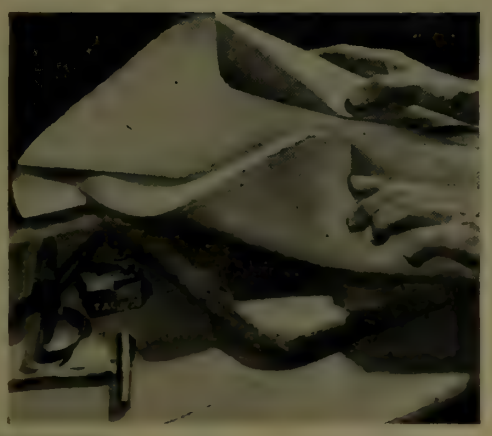


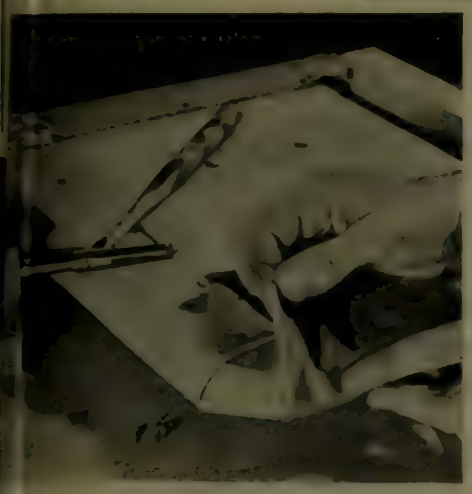
A tufted effect is achieved by driving brass upholstery tacks through the cover and the cotton padding to make a simple surface pattern.

...egins on page 190

...overing a chair seat

...d the seat of a straight ...air with inch-thick sponge ...bber, cutting pad ½ inch ...ger all around than seat. ...r make cushion of cotton, ...t, or even stuffing from an ...d chair. Bore holes in wood ...at to let the air escape.



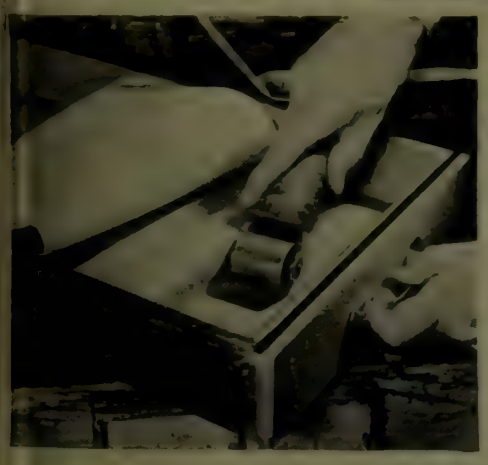


Stretch edges of cover taut and tack to bottom of seat with closely spaced tacks. Here, a trim strip was used across back edge. Folds, as those at corner, should be as gradual and rolling as possible. If you use a sheet of unsupported plastic over sponge rubber, add layer of muslin between the rubber pad and the plastic cover.

Lining a drawer

The abrasion-resistant, easily cleaned surface of a plastic fabric makes it a durable lining for cabinet drawers, especially drawers holding kitchen equipment. For cushioning, glue thin cork sheets into the drawer first.





Fasten the plastic lining in with waterproof glue and roll it firmly into place. Tacks may be used to hold corners reluctant to stay put. For metal drawers, get an adhesive that will stick to the metal as well as cloth.



To cover a metal container, roughen metal surface with sandpaper. Cut plastic to fit, using as few seams as possible. Adhesive can be spread on metal or fabric, but it spreads more easily on fabric. Put plastic into place; roll for good contact.

Rate yourself on this Home-Owners Quiz



The right answers can mean money in your pocket

Q. How much does insulation add to mortgage payments?

☐ 1% ☐ 5% ☐ 8½%

A. KIMSUL* insulation adds approximately 1% to the cost of a new house, and therefore would add about the same amount to mortgage payments—a matter of just a few cents. What's more, by insulating the walls when you build, you save from ⅓ to ⅔ on the job. Insulation installed in an *existing* home usually pays for itself in fuel savings within a few years.

Q. What special equipment is needed to install insulation?

☐ Truck-mounted blower ☐ None ☐ Batt-Positioner

A. With KIMSUL, no special equipment is needed. Anyone can install it. You simply expand the blanket and fasten it in place. Unlike loose-fill or blown-in types that vary in efficiency with the skill of the applicator, KIMSUL always provides uniform coverage over every inch of insulated area. No money-wasting thick spots; no thin spots where heat can leak out.



Q. What benefits may be expected from insulating?

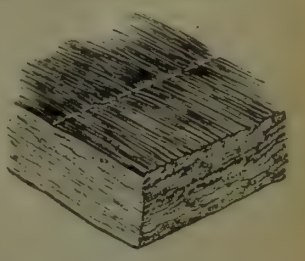
☐ Greater home comfort ☐ Health protection ☐ Fuel saving

A. All three answers are correct. An efficient insulation like KIMSUL will make your home a healthier, more comfortable place to live. And with KIMSUL insulation installed throughout your new home, your fuel bills may be reduced as much as 44%.

Q. How often should insulation be repaired and renewed?

☐ Never ☐ After sudden temperature changes ☐ Every ten years

A. In the case of KIMSUL under normal climatic conditions—never! It will last for the life of your house. And in addition to being permanently resistant to insects, vermin and mold, KIMSUL is treated to resist fire.



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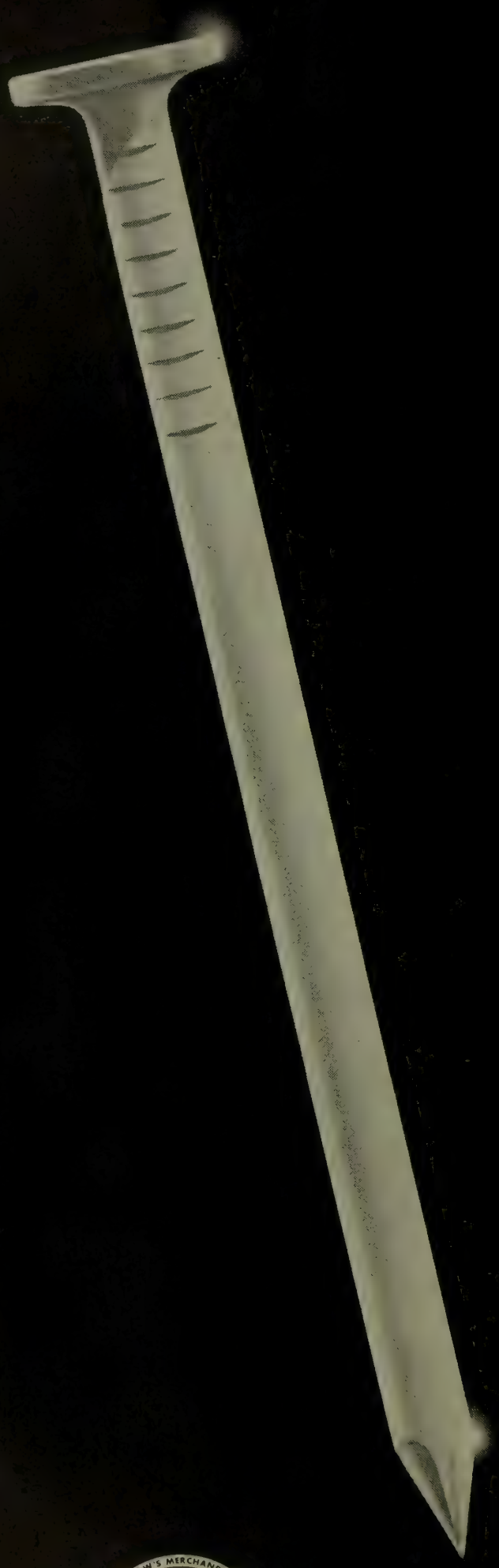
☐ on insulating the home I'm planning
☐ on insulating my present home

BHG-349

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It's the same house . . .



Before
This is the house in Los Angeles that my husband came home to after four years in service. It wasn't half as sturdy as it looks

minus the stucco, and plus a year's work

Photographs: Peter Gowland



After A year's amateur work, and $1,500 for materials, made the difference. We got rid of the Spanish look by replacing the stucco with flush boarding, installing square-paned picture windows and a solid-paneled door. Extending the roof line across the driveway made the house look less boxy

By Ethel Dougherty

WHEN my husband, John, came back from service, he rushed up to the front door, and literally sank through the threshold. Our house was ready to fall apart.

We had to remodel, and with our limited budget, it was apparent the work would have to be done without professional help. To make the job even more complicated, we decided to change the style of the house at the same time.

John is employed by a gas company, so the work had to be done evenings and weekends. By trial and error, he learned to be architect, carpenter, bricklayer, tile setter, plasterer, painter.

My husband spent the next few months crawling underneath the house replacing weakened timbers, while I handed him lumber and nails—and located the hammer, which he always mislaid. After an inspector approved the foundation work, we started remodeling the exterior.

First we built out the front bedroom to include part of the old porch, then removed the stucco. We added a porte-cochere (my idea) to give width to the house, and for protection from the rain. Then we converted a service porch and breakfast nook at the rear into a den. We put in picture windows that double the light in the living room and bedroom.

FOR exterior wall material we used redwood siding painted yellow, with white trim around windows and the front door. To finish the job, we ripped off the tile roof, and used wood shingles for the new roof.

It took us about a year of spare time to do the work, and the materials cost us $1,500. But we spent not one cent for labor.



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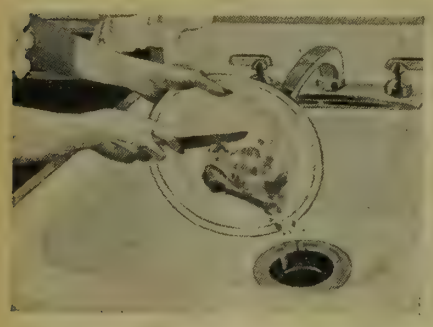
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There's everything wonderful about a garbage-free home. Your kitchen always clean. Your kitchen work so much easier. No more germy garbage can.

Wonderful having all food waste disposed of *immediately* right in the sink. Just see—in these pictures—how the General Electric Disposall ends the pesty nuisance of garbage:



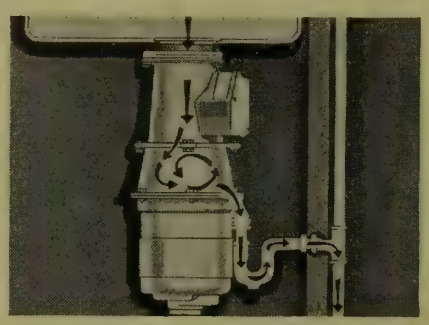
1. Scrape all food waste—pits, peelings, fruit rinds, even chop and fish bones—into the drain opening. That's the last you see of them.



2. Lock protecting cover with a twist to the left. Notice openings in the cover for clean, flushing water to enter the Disposall as it works.



3. Turn on cold water. This automatically starts the Disposall action. Food waste is shredded into tiny particles, flushed into sewer or septic tank. The Disposall works perfectly with either sewer or septic tank.



4. Throw away that garbage can. You'll never see garbage again. You'll agree with Disposall users who say: "My kitchen's a million times cleaner," "The Disposall's my favorite appliance," "I'd never give it up!"

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DISPOSALL

DISPOSALL MEANS GOOD-BY TO GARBAGE AUTOMATICALLY!

GENERAL ELECTRIC

Wood, too, can be

Bleached to a

How you can make conversatio

By Richard R. K

WOULD you like beautiful, new-looking blon furniture for your home? You can have it with a few eve ings of work. Bleaching old, dark wood to a lighter hue a comparatively easy process. The odds are 10 to 1 you be gratified by the results you achieve.

Naturally light-colored woods, such as oak, elm, a birch, are the easiest to bleach. Walnut, mahogany, a cherry are receptive to the bleaching process. Dark woods may call for repeated applications of bleachi solution before you reach the color you want.

Bleaching an old piece of furniture begins with remo ing the old finish. Take time enough to do a thorou job; you can't bleach out streaks of old varnish.

Once the wood is stripped down, the hardest part of t job is done. These pictures show how bleaching work on an old, scratched record cabinet, originally stained deep red mahogany and covered with heavy varnish.

Photographs: Stan



1 Varnish remover is applied with an old paintbrush to doors the cabinet. The remover softens the finish and lifts it free the wood. Here taking the doors off simplified the job and made possible to work on a flat, level surface where the solution woul not run. You can improvise a bench by laying boards across saw horses. If your skin is sensitive, wear rubber gloves as you wor

beautiful blonde

ieces out of dark, old furniture



2 Removing old varnish after it is loosened is a messy job at best. Give the remover plenty of time to penetrate and do its job. Then you can scrape the sludge away with a putty knife or coarse steel wool. A neater method of removal is pictured. After varnish is loosened, it is covered with wood shavings, and the residue wiped away with a dry cloth. Shavings absorb surplus liquid like a blotter. Coarse sawdust or excelsior work equally well. Be sure that you dispose of this residue; the remover may be inflammable



3 When the old finish is gone, the surface must be neutralized and any waxy residue washed away. You can do this job with lacquer thinner, turpentine, gasoline, or wood alcohol. Lacquer thinner was used here. Just saturate a cloth with the neutralizer and wash surface clean. Be sure to clean recessed corners thoroughly

More on next page

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Gold Bond Rock Wool Applicators are trained in Gold Bond's tested methods of application to give you the very best insulation job. Without muss or fuss they do the whole job in a day or so, depending on the size of your house. And they use only Fireproof Gold Bond Rock Wool...made by National Gypsum Company...the finest insulation money can buy!

Last year over 100,000 thrifty homeowners insulated with Fireproof Gold Bond Rock Wool. Fuel savings up to 40% soon pay the cost and continue *for the life of the house.*

Besides lower heating costs and complete winter comfort, homes insulated the Gold Bond way have three more big advantages:

- They are as much as 15° cooler in summer.
- They are more firesafe. Fireproof Gold Bond Rock Wool in the walls and roof provides a permanent fire barrier.
- They have a higher resale value.

Does this sound good to you? Then phone your local Gold Bond Rock Wool Applicator today for an estimate for *your* home. No charge or obligation! He's listed in the classified section of your phone book under "Insulation". Remember, it's the one home improvement that actually pays for itself!

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Whichever type you need

Life is too short to clean the hard way. With a Hoover your work is easier, your colors stay brighter, your rugs last longer. You'll be proud to say "I own a Hoover." It's the name preferred 2 to 1 over any other make. Hoover offers you the complete cleaner choice . . . two basic types, four great models.

Get happier today

Call your Hoover dealer today for a home showing of the model you prefer.



MODEL 28 (*above*). *Hoover's new popular-priced Triple-Action Cleaner, with the exclusive Hoover cleaning principle—it beats, as it sweeps, as it cleans. Gets deep-down dirt. Instant conversion for above-the-floor cleaning . . . . . .* **$74.95**
Cleaning tools in handy kit, $19.95.

MODEL 50 (*at right*). *Hoover's great new cylinder cleaner. Easiest-to-use cleaner of its type. Cleans by powerful suction. Features the exclusive new Dirt Ejector. Complete with cleaning tools in handy kit, Mothimizer and sprayer,* **$79.50**

MODEL 115 (*at left*). *Hoover, Junior. Ideal for small homes, handy for all homes. Newest, smallest, lowest-priced Hoover. Trim and light, stores in small space. Has Hoover's exclusive Triple-Action cleaning principle—it beats, as it sweeps, as it cleans. Only. . . .* **$59.95**
Cleaning tools extra.

THE HOOVER COMPANY, *North Canton, Ohio; Hamilton, Canada; Perivale, England*

● ***NOTE:*** **See the new Hoover Iron at leading stores everywhere. $11.45, including excise tax.**

Bleached to a beautiful blonde

Begins on page 19



4 This is the first application of a two-solution commercial bleach. It is poured into a glass bowl, then applied with a stiff brush. Such commercial bleaches are tested preparations, more likely to satisfy you than homemade bleaches. Apply the first solution, let it stand the designated time, then apply the second solution. After this has had time to work, the wood can be lightened a bit more by washing with soap and water. On veneer, use very little water so you don't loosen the glue.

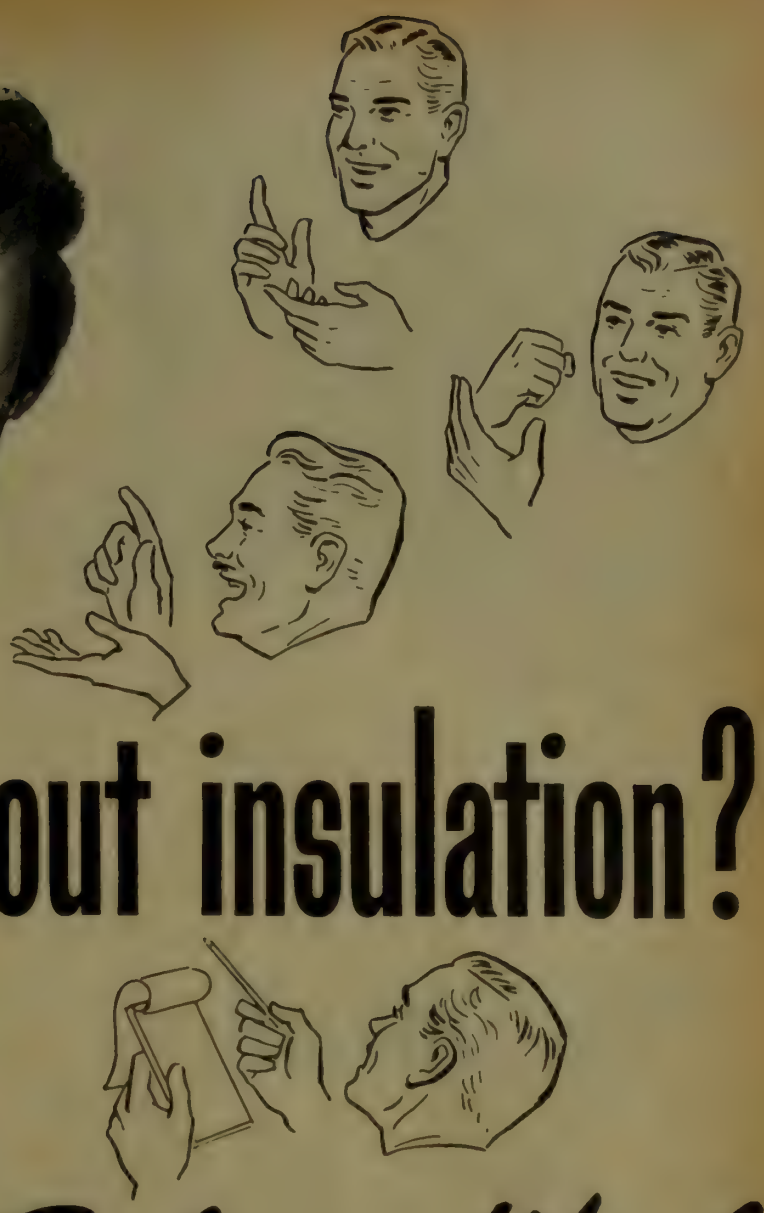
If a red stain is present, it may be necessary to use a third solution, a special stain remover, to finish the job. Red stains are likely to bleed through final finish if not removed completely. Imperfections filled with a colored filler may have to be gouged out and refilled to match the final finish. You can refill them with melted stick shellac of the right color. Fill any other deep mars in the wood too.



5 When the wood is bleached to the color you want, sand it lightly with a padded block and No. 3-0 sandpaper. This will prepare the surface for finishing. The bleaching process raises the grain slightly, so many small scratches will disappear. If stains have penetrated deeply, you may find it necessary to repeat the whole bleaching operation. The finish you select—wax, shellac, clear lacquer, or varnish—depends on the kind of wood you have



confused about insulation?



experts prefer *Balsam-Wool*

prove it yourself

No need to be confused about insulation questions. Go to the men who know insulation *best*—the lumber dealers in your own community! They—and lumber dealers throughout the nation—vote Balsam-Wool as their first choice—for lifetime comfort and fuel savings! They choose Balsam-Wool above all others as the one insulation they would prefer for their own homes.

here's what you'll find:



YOU'LL want an insulation that's windproof. Ask your lumber dealer for a sample of Balsam-Wool—see the tough, windproof covering that entirely surrounds the Balsam-Wool insulating mat. No wonder Balsam-Wool protects you from chilling winds!



YOU'LL want an insulation that's protected from condensing moisture because only such insulation *lasts*. Then note the continuous, integral barrier that is built into Balsam-Wool—the extra safeguard which Balsam-Wool gives you!



YOU'LL want an insulation that can't settle or shake down within your walls. See how the Balsam-Wool mat is *bonded* to its covering. What's more, Balsam-Wool is securely *fastened* in place by special flanges.



Yes—your lumber dealer will show you why Balsam-Wool has a combination of features found in no other insulation! See him NOW—get his expert advice. Then you're set for a lifetime of satisfaction. Or, if you prefer, mail the coupon for your copy of "Facts About Insulation For Your Home"—a new booklet you'll want to read before you insulate.

Balsam-Wool*

SEALED INSULATION

*Made by the makers of famous Nu-Wood**

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Please send me the new Balsam-Wool booklet on Insulation.

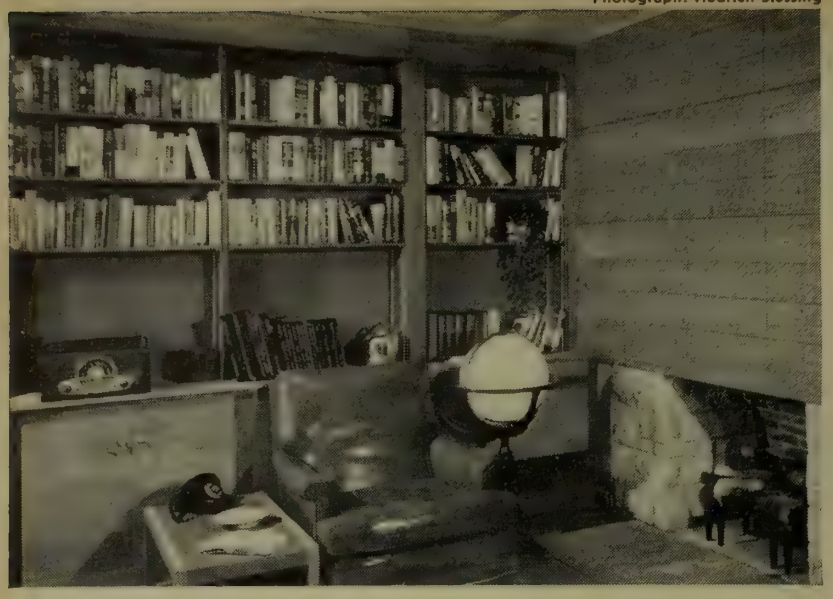
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Portfolio of bookshelves

Photograph: Hedrich-Blessing



In the informal and subdued atmosphere of a den or library, soft-toned walls and a dark color for the back of shelves make books stand out. White streaks you see at the sides of the lower shelf are metal strips into which you can clamp holders, and adjust shelves to any height. Architects: Burns & James

Robert C. Cleveland



If you have this many books, you will probably need a separate room for them, or at least a book alcove. Shelves are 1¼-inch stock lumber to carry the weight. Distance between shelves is graduated, with the largest and heaviest books at bottom, most-read books near eye level. Architect: Edla Muir

Suter, Hedrich-Blessing



When shelves don't fill an entire wall, they must be in proportion to that wall. Design therefore dictated dimensions here, and space between books (if you have space left over) can be used for flowers or knickknacks. There are four cabinets with center door pulls below these evenly spaced shelves

Suter, Hedrich-Blessing



In a formal room, shelves can be white against either light or dark walls. Highest shelf should never be more than 6½ feet above floor, or shorter members of your family won't be able to reach books. If you need extra height for looks, put knickknacks there. Architect: W. L. Martling, Jr.

THOUGH you may find anything on them, bookshelves were first planned to hold books. You can build them in assorted sizes, as this collection proves once more. But the final design will depend on the number of books you have, the size of those books, and the space available for shelves.

Distance between shelves may vary from 7 to 18 inches—7 inches for pocket-sized editions, 9 to 10 inches for some novels and textbooks, up to 18 inches for atlases, albums, and bound volumes. Make shelves adjustable, if possible, to follow the changes in size as you add new books to your library.

Above all, be sure the shelves you build fit harmoniously into the architecture of your room. They can make a room look top heavy or too low, or they can create an added point of interest. If those shelves are always within easy reach, you'll do a lot of pleasant reading.

More on page 202

"Oh what a beautiful Monday!"



but . . . it wasn't always that way!



What a Water System!

Make sure your water system is a Fairbanks-Morse. From foot valve to pressure switch, it is an engineering triumph designed to give years of service at lowest cost. That is why Fairbanks-Morse unhesitatingly places a rating tag on every water system it manufactures—a performance-proved rating that shows you *exactly* the volume of water the system will deliver. See the sturdy construction of Fairbanks-Morse water systems at your dealer's store today. There is a model that exactly fits your needs! Or write to Fairbanks, Morse & Co., Chicago 5, Ill., for free folder.



Shown here is a Fairbanks-Morse deep well ejector water system. It is only one of many types of performance-proved water systems your Fairbanks-Morse dealer can offer you.

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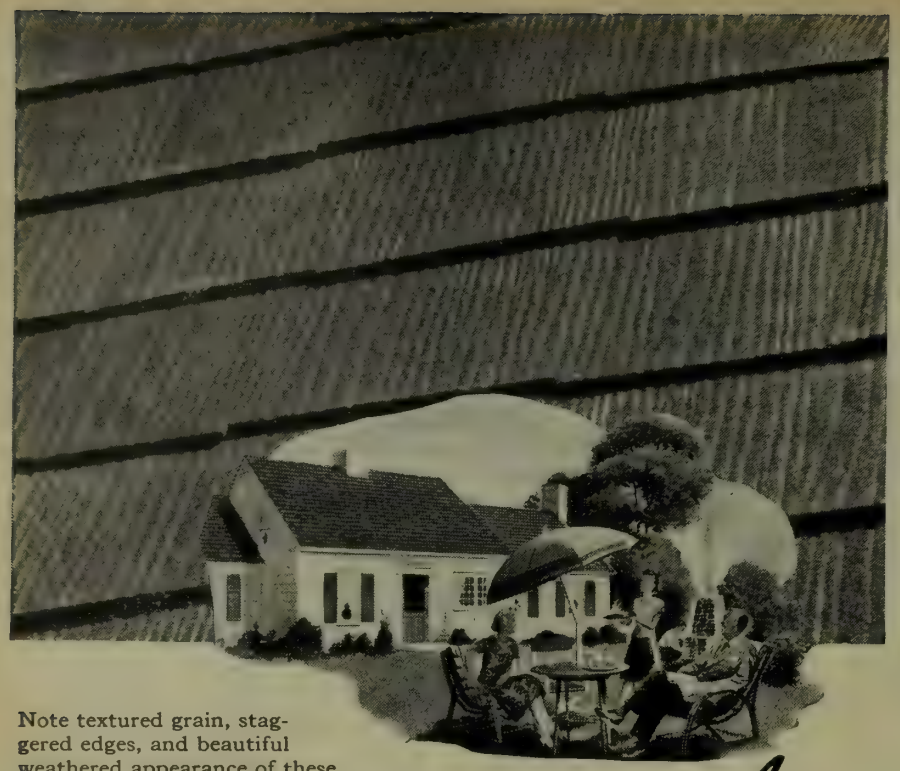
Gentlemen: Please send me the free booklet describing the entire line of Fairbanks-Morse Water Systems. I understand that I am under no obligation whatsoever after receiving this book.

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81-3



Note textured grain, staggered edges, and beautiful weathered appearance of these shingles. Come in several attractive colors.

the most Beautiful low-cost Asbestos Roof ever developed!

Johns-Manville "American Colonial"—the inexpensive asbestos shingle that lasts 35 years PLUS*

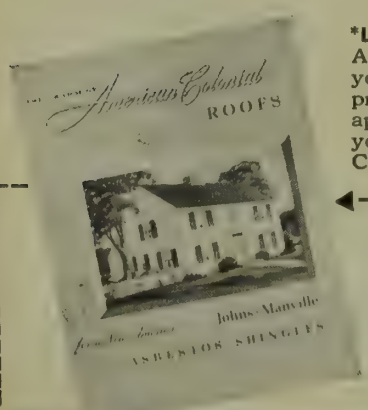
It's rotproof . . . fireproof . . . weatherproof. Permanent as stone! Not one has ever burned . . . not one has ever worn out!

JUST before the war, Johns-Manville introduced a new type of asbestos shingle—the most beautiful low-cost asbestos shingle in J-M's 90 years of roofing experience!

It's called the "American Colonial" and it has all the charm and beauty of weathered wood—yet it's made of asbestos and cement, two practically indestructible materials. Imagine a shingle so attractive also having the permanence of stone!

J-M American Colonials come in several pleasing colors to meet your preference or architectural requirements.

If you are considering a new roof for your present home, or plan to build a new home, we strongly recommend that you see your Johns-Manville dealer about this new development.



***LAST 35 YEARS *PLUS!*—Thousands of J-M Asbestos Shingles have now been in service 35 years and more. They're still as fireproof, rotproof, and weatherproof as the day they were applied. No signs they won't last another 35 years or more! That's why we say American Colonial Asbestos Shingles last 35 years PLUS.

FREE Write today for a FREE copy of our full-color brochure, "American Colonial Asbestos Shingles." Address: Johns-Manville, Department BHG-3, Box 290, New York 16, New York

JM PRODUCTS

Johns-Manville
BUILDING MATERIALS

Portfolio o

Fo



Shelves in a room paneled with knotty pine should be of the same material. These are only ¾ inch thick, which is permissible as long as the space between supports isn't greater than 2 feet or as long as loads on shelves are light. Black strap hinges and H-latches add to the rustic feeling in the room

Morley B



Rounded shelves in this living room run from floor level to a height within average reach. Distance between shelves is identical. Some books therefore lie flat, can be used as braces for vertical books. This softens strong vertical feeling of shelves full of upright volumes. Architect: John Neikirk

Eleanor Taylor Moo



If you know exactly how you want to use your shelves, you can get a perfect fit. Here every book has its right place. Note that books a lower left could fit on lower middle shelf, but you wouldn't have roo for your fingers to pull them out. Note how dark books show off silve

ookshelves

Begins on page 200

R. A. Kolvoord



An excellent spot for bookshelves is a partial partition separating two areas. Backs of the bottom five shelves are solid to create a partition that stops the view, while top two shelves have a glass back that lets light filter through. Thick shelves and supports would not blend with light furniture and simple wall treatments. Architect: H. Elliott Bredow

Maynard Parker



Of Philippine mahogany with a natural finish, these built-in shelves form a study in one corner of this living room. To extend shelves to ceiling would throw the unit out of proportion, make a wall instead of a partition, and put the top shelf out of reach. Architect: Paul Laszlo



You mean to tell me this good-looking, full length aluminum window screen sells for as little as $4.35?"

Yes, lady, and that's not all. Look at Durall's smart new design and unique trouble-chasing devices. It's flexible . . . *without* side frames! That makes Durall exceptionally easy to handle.

See how simply Durall slips into place *from inside your house.* Snap the catch at the top, turn the tension thumbscrew at the bottom and it's in, taut and trim—in seconds!

You can wash your windows without removing the screen, toss the screen in a tub for cleaning and roll it up for easy storage!

And remember, lady, Durall is hard-wearing aluminum. No rust or stains. No painting or repairs. Here are *more* savings to add to the *dollars per screen you save* in initial cost.

See your hardware, sash and door or building supply dealer—or send us the coupon below for full information about Durall. West of the Rocky Mountains, the Ry-Lock Tension Screen.

**Present retail price for popular 28 x 54 inch size.*

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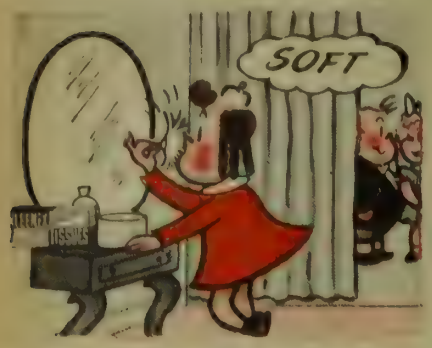
Please send me your FREE FOLDER about Durall for my home.

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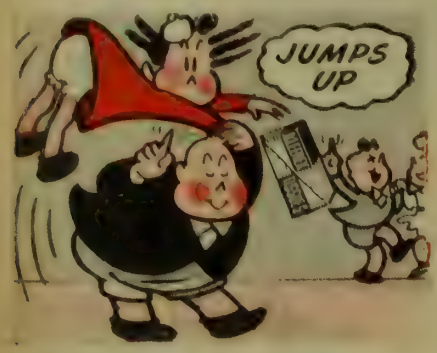
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There are lots of tissues, but your nose knows *there's only one Kleenex!* A special process keeps your Kleenex Tissues luxuriously soft . . . that's why they're so kind, so gentle . . . soothing to delicate skin!



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Thus West Branch Cedar Chest belongs to the 18th Century elegance of Lady Hamilton—as it does to those today who appreciate fine period furniture. Useful as well as decorative, it increases your storage space—generously. Whether you prefer traditional or modern, there is a West Branch to blend with your scheme of living. *Write for free illustrated folder.* West Branch Chests, Milton, Pa.



No. 1975
Chippendale lowboy in ribbon striped African mahogany veneers. Genuine shell carvings. Carved claw and ball feet. Cedar drawer in base. Free moth insurance policy with every West Branch chest.

West Branch Cedar Chest

THE PRESENT WITH A FUTURE

Let your hot spots grow sedums

Continued from page



For plants without work or worry. Sedums will grow whether or not you wat weed, or cultivate. They make tufts of color that change with the season. T one shown above, Ellacombe, makes a leafy-green spread the size of a dinn plate. It turns gypsy-red as cold weather comes. In late summer it is topped wi orange-yellow flowers. Ellacombe makes a good potted plant, indoors or o



For sparkle in leftover places. Just about anywhere that isn't downright we will grown sedums. This jewellike miniature is Leafy Stonecrop. Underneath its smoky-pink blooms are stems not longer than two inches, and strung with fat, beadlike leaves. When not in bloom, this kind is a soft, blue-green cushion

More on page 206



WHETHER YOU are planning a California Ranch House, popular Cape Cod, charming New England Colonial, smart Modern, romantic Spanish or any other style, there's no home like a concrete home. Concrete is adaptable to any size or architectural style or floor plan in any climate, and with concrete you get all of these advantages:

• **FIRESAFETY**—You protect your loved ones and cherished possessions when your house has concrete walls and subfloors and a firesafe roof. Concrete can't burn.

• **COMFORT**—You enjoy good living the year around in a concrete house because it's warm in winter, cool in summer and clean and dry at all times.

• **DURABILITY**—You free yourself of work and worries over frequent repairs because a concrete house requires little or no maintenance, yet preserves its new look. It defies storms, decay and vermin. Concrete floors do not creak or sag or vibrate and make a perfect base for any floor covering—hardwood, rugs, linoleum or tile.

• **LOW ANNUAL COST**—You pay two bills for any house: the purchase price and the maintenance expense. The first cost of concrete is moderate, the maintenance negligible. These, with its long years of service, give you ***low - annual - cost*** housing.

So whatever style or size house you plan to build, choose firesafe, enduring, economical concrete. And write today for free illustrated booklet about concrete houses, distributed only in the United States and Canada.

HOW TO GET A CONCRETE HOUSE
and what will it cost?

Phone a local concrete masonry manufacturer for names of architects and builders experienced in concrete house construction. They know conditions in your community and can answer your questions about plans and costs.

Take any plans or sketches you have obtained from any source to an architect. Have him show you how your home—of any size or style—can be economically built with concrete walls and subfloors and a firesafe roof.

Architect-Designed Houses Stay Young Longer

PORTLAND CEMENT ASSOCIATION

Dept. A3-9, 33 W. Grand Avenue, Chicago 10, Illinois

A national organization to improve and extend the uses of portland cement and concrete . . . through scientific research and engineering field work



Are you satisfied with your HEARING?

These 2 NEW WONDER-WORKING

SONOTONES

give Better HEARING- Better UNDERSTANDING!





—with exclusive "FITTED POWER"

FROM OCEAN TO OCEAN, people are saying, 'phoning, writing, wiring—"Easier understanding than ever before!" "Much easier on my nerves!" "Now I can use a hearing aid comfortably!" "Lighter than my compact!" "Nearest to natural hearing!"

You'll agree that these two new Sonotones have lifted hearing aid satisfaction to a wonderful new level—through "Fitted Power."

For "Fitted Power" produces surest, easiest *understanding*—not just *hearing!* It provides *64 different fitting combinations*, to make hearing clear, sure, natural for each individual. It offers *double* the power of previous Sonotones—or may be cut to *minimum* power for sensitive ears. *Both ways*, it gives clearer, farther, gentler hearing than ever before!

Check your 'phone book for the nearest of Sonotone's 350 offices—and send the coupon today!

NEW smallest—*greatest*—Sonotones ever made!

NEW exclusive Power Control provides doubled power, *or may be cut to minimum power without reducing hearing distance!*

NEW! An entirely new circuit—designed as a unit for unique hearing efficiency!

NEW tubes!—the smallest, ablest hearing aid tubes ever made. Save space, raise power!

NEW batteries!—"Time Saver" uses breather-type A batteries with full power for a week!

NEW receivers!—cut ⅓ in size and weight!

NEW microphones of great perception—humidity and altitude proof!



Mail this coupon today!

Before selecting any hearing aid, be sure to see these great SONOTONES.

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Sirs: Please rush your illustrated booklet "Designed for Understanding"—describing these smallest, *greatest* Sonotones and Sonotone's national hearing service!

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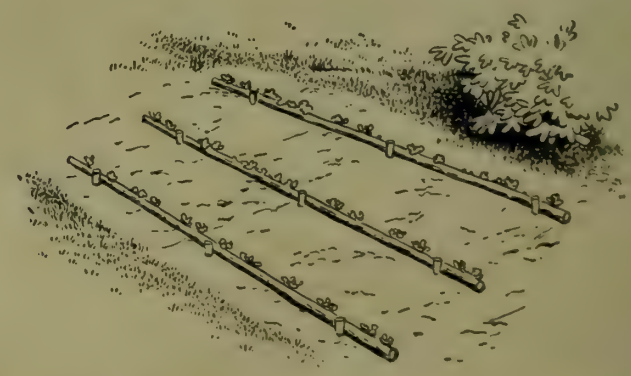
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Let your hot spots grow sedums

Continued from page 20



To hold steep slopes. You can stop raw banks from washing with the fast-growing kinds of sedums. Spanish Stonecrop, above, is good. It lays down a silver filigree of leaves and stems. Give it a start as shown below. Lay poles crosswise and fasten with stakes or stones. Then bury sedum stems, an inch deep, back of the poles. In short order, plants will hold the slope without any help





Look out! If you plant one sedum, you may want another. If you're not careful, you'll insist on a collection as above. Sedums have a way of winning friends



Speedy Sprayer

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SAVES TIME AND MONEY, TOO!

Speedy Sprayer makes painting so easy you'll hunt for things to paint. You'll spray inside and outside of your house, basement walls, furniture, screens, radiators, auto, etc. Handiwork, too, gets a smooth, professional finish. Ask your hardware, paint, lumber or auto supply dealer. If he hasn't Speedy Sprayer, he'll get it for you.

Pays for itself on your first big job!



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The F. E. MYERS & BRO. CO., Dept. H-80, Ashland, O.

Send water system book and dealer's name.

My Name_____

Town_____ State_____

County_____

Smoker's table



DOES the man of your house like to settle down after dinner with his pipe and the evening paper? Here's a smoking table for him. It's all mahogany with either a hardy, alcohol-resistant top or a glass-covered top. The leather-covered, three-sectioned compartment at the end of the table holds pipes, matches, and tobacco. And the table itself is light enough to carry about, if he changes his ideas on the most comfortable spot to smoke.

THE table has simple lines that will mix with any other furniture in your home. It's only 17 inches high and has a 13½- by 18-inch top—so you can use it anywhere, even in the smallest room.

Above you see the smoking table used beside a chair. Below, two of the smoking tables are placed end to end to make a cocktail table.

Photographs: Dale Rooks



Where to get it, page 264

MAKERS OF FINE PLUMBING FIXTURES SINCE 1904

ELJER





"We both got what we wanted"

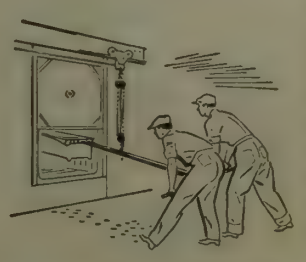
"My dream bathroom just had to be *smartly beautiful.* Harry was primarily concerned with *quality.* When our plumbing contractor recommended Eljer, we both got what we wanted."

And why not? Eljer Plumbing Fixtures are available in a wide range of related, yet distinctive, styles of lovely pastel colors. Eljer styling has always set the pattern for truly smart bathroom design.

As for quality . . . Eljer Vitreous China Fixtures just naturally resist stains and the effects of all ordinary acids . . . because they are *real china.* The lustrous, glass-like finish stays bright and new looking . . . with just the swish of a damp cloth.

For free booklet on Eljer Fixtures and beautiful chrome-plated brass fittings, write Eljer Co., Box 192, Ford City, Pennsylvania.

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All Eljer Enameled Cast-Iron Fixtures have a body of *solid cast iron.* An *extra-thick* coat of Vitreous Enamel is fused to this base by extremely-high oven temperatures. The resulting finish is velvet-smooth . . . and will last a lifetime with ordinary care. When you buy a bathtub or kitchen sink, be sure it is made of *rugged, rigid cast iron.*

ELJER CO. FACTORIES AT: FORD CITY, PA., SALEM AND MARYSVILLE, OHIO, LOS ANGELES, CALIF.



ASSASSIN

A Drinker of Hashish!

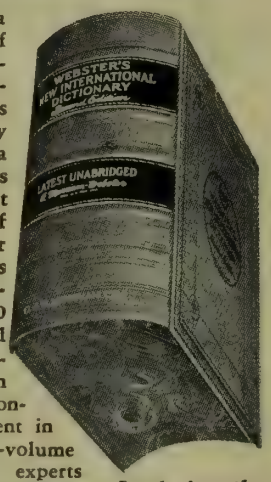
IN eleventh century Persia, a secret order was founded by Hassan ben Sabbah, indulging in the use of the Oriental drug hashish, and, when under its influence, in the practice of secret murder. The murderous drinker of hashish came to be called *hashash* in the Arabic and from that origin comes our English word *assassin!*

There is an amazing little story about the formation of this word, as well as of many thousands of other commonly used modern words, all brought to you in

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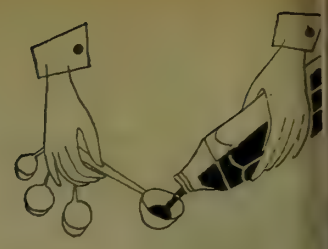
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How to season with chili sauce



CHILI sauce and catsup—full of the spi tang of summertime tomatoes. An easy w to add expert seasoning to a plain dish a lift it out of the ordinary. Shake some cats or chili sauce out of the bottle and stir—y can taste your way along.

Below are three ways to season with ch sauce; on page 210, three ways with catsu We give exact measurements. But you'll so be making the recipes by guess.



Chili topper for hash

Press pockets in hash with the bottom of a custard cup and slip in an egg. Dash with salt and pepper. Bake in moderate oven (325°), until eggs are set. Spoon chili sauce over the eggs. Slide baker back in oven for 5 minutes. It's a quick supper, an easy way to make leftovers something special.



Jiffy thousand island dressing

To ½ cup chili sauce, add 1 cup mayonnaise, 3 hard-cooked eggs, ½ cup chopped celery, and 1 chopped dill pickle. You can add a little minced green pepper and minced onion if you like. Serve over crisp lettuce wedges.

Photographs: Wesley Bowman



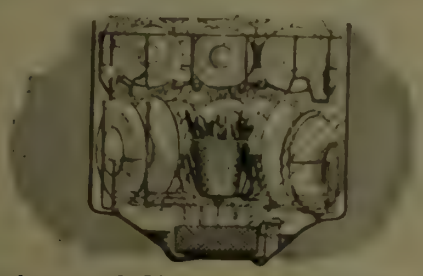
Sea-food cocktail sauce

Pass this tangy sauce in she cups with shrimp. Dip shrimp i sauce for each bite. It's a pepp beginning for any meal. Combir 6 tablespoons chili sauce, 2 tabl spoons lemon juice, 1½ tabl spoons horse-radish, ¼ teaspoo grated onion, 1 teaspoon Worce tershire sauce, a dash of Tabasc sauce, and salt to taste. Chi thoroughly before serving.

How to season with catsup, page 210



Imagine! Time on your hands . . . instead of greasy dishwater! Dishes washed cleaner than by hand . . . with General Electric Dishwasher!



Hate Dishwater? Never touch it—ever again! G-E Automatic Dishwasher thoroughly washes and double-rinses dishes in water hotter than hands can stand. Cover automatically opens to allow dishes to dry in their own heat. So hygienic!



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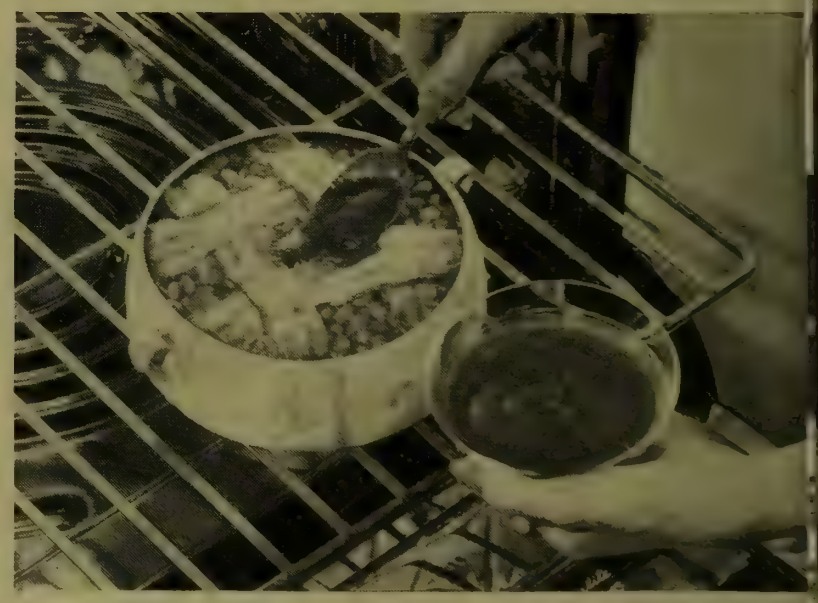
How to season with catsup





Meat loaf frosting

Mold meat loaf in pan. T out of pan and bake on a c sheet. This way loaf browns o sides. Frost with **Piquant Sa** ½ cup catsup, 3 tablesp brown sugar, ¼ teaspoon nutr and 1 teaspoon dry must Return the loaf to the oven till sauce topping is hot and bub about 5 minutes.



Catsup baked beans

A quick, old-fashioned supper: A pot of baked beans in half an hour! To a 16- to 18-ounce can of pork and beans, add 2 tablespoons brown sugar and ¼ teaspoon dry mustard. Crisscross bacon on top of the beans. Spoon ¼ cup catsup over beans. Bake in moderate oven (350°) 30 minutes.



Ranch barbecue sauce

Heat to boiling 1 cup cats 1⅓ cup Worcestershire sauce teaspoon chili powder, 1 teasp salt, a dash of Tabasco sauce, a 2 cups water. For barbecued spa ribs, brown meat in hot oven (45 30 minutes. Add barbecue sau Bake in moderate oven (350° hour or until tender. Baste occasi ally. Add a little water to the sa if it gets too thick.

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at your service

THIS month your service column is devoted entirely to answering questions on child care and training. The responses below are taken direct from the pages of the *Better Homes & Gardens Baby Book*.

Q *How soon after birth may I take my baby outdoors for airings?*

A Baby may be taken outdoors for airings after he's 3 weeks old. Up to this time it's best to let him rest comfortably in a warm room. Wrappings for his airings should depend upon the outside temperature and the weather. In summer, don't expose Baby at this age to the direct rays of the sun.



Q *What emergency steps can be taken to reduce a child's fever?*

A If your doctor advises, give Baby a sponge bath. Lay him on one large bath towel and have a second at hand. On his forehead place a cloth, wrung out of cool water. Sponge each part of his body several times. Dry him with the second towel. After you've sponged the front of his body, take the cloth from his forehead, turn him over, and sponge his back, using a fresh washcloth. Dry him well, put on fresh garments and get him back to bed quickly.

Q *Our child seems to be healthy and strong, but he doesn't measure up to average weight and height for his age. What should we do?*

A Much more important than weight and height are his posture, the color and brightness of his eyes, the strength of his muscles, the solidness of his flesh, and his animation and happiness. If these are all good, your child is all right whether he's above or below the average of the tables.

The *Better Homes & Gardens Baby Book* is really two books in one—a complete and authoritative child care and training guide, prenatal through sixth year; and a useful record book. More than 750,000 mothers are users of the *Better Homes & Gardens Baby Book*.

You can get your copy at infants' wear, book, and department stores everywhere. Or send your order direct to *Better Homes & Gardens*, 5503 Meredith Bldg., Des Moines 3, Iowa.

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Family vacation to Washington, D. C.

Begins on page 56

following the assassin's trail with her eyes. "This is where the history books really come to life."

Because Washington is magically able to make our national past live again, it is a city of reverent pilgrimage for all Americans—the four million who will go there this summer, and the 136 million others who hope someday to stroll its shady streets, walk through its museums, and stand awed by the majesty of its public buildings.

OF THOSE who make the trip this summer, more than half a million will be high-school graduates, for whom a Washington visit climaxes four years of hard work. After them will come whole families, parents and children sharing a great and impressive experience. In July and August, the peak of the season, the city is overflowing with visitors.

Since Washington has cared for tourists for nearly 150 years, and since these pilgrims form the community's second largest source of revenue (government being the first) the whole city is trained in hospitality, and its facilities are geared to the family purse. A trip to Washington represents one of the least expensive types of holiday. Perhaps nowhere else in the world can a vacationing family do so much at so little cost. In the 65 hotels, rates run from $2.50 to $14 for a couple, with the average around $7 a day.

GIRDLING the city, within easy motoring distance, are more than 2,000 tourist homes and motor courts. Within the town itself are an equal number of restaurants. And, precisely because Washington is one vast showpiece, sightseeing is completely painless.

For $1.50, for example, you can buy a streetcar pass, good for a week, and see the city's landmarks on rails. For $2.50 (short excursion) to $7.50 (all-day tours) you can sign up for conducted trips with any one of 30 licensed agencies. There are 10 thousand taxicabs available for short rides or charter, and practically all drivers double as guides.

AT FIRST sight, Washington is an overpowering city. It is the only capital of a major nation built according to a plan, and the plan at first glance seems confusing. Massive stone buildings rise from green parks. Heroes of the past, bestriding their horses, look out at the motorcars streaming past. In Rock Creek Park, primeval trees and a foaming brook form a tie with the wilderness, and highlight the miracle of this great city, which will celebrate its one-hundred-fiftieth anniversary in 1950.

As the visitor extends his stay, everything in Washington falls neatly into place—Capitol Hill and the long green reach of the Mall past the Washington Monument to the marble grandeur of the Lincoln Memorial; the tremendous government buildings; the rolling hills of Arlington, across the Po mac, where the tombstones fallen soldiers glitter in the su mer light; and the winding ribb of the river itself, arching arou the city.

Though there are more than 1 parks, buildings, museums, histo sites, and scenic points which c be visited in Washington, m visitors want first to see the Four. This grouping of nota points consists of (1) the Capit with its classic dome and ov powering blend of past and pr ent; (2) the Washington Mo ment, a 555-foot-high obelisk, t best-known landmark in Ameri (3) the Lincoln Memorial, wh our Civil War President, mass in bronze, looks out at the c through marble colonnades; a (4) Mount Vernon, home of Geo Washington, 15 miles and 35 m utes by car from the center of t city, where you contribute cents per person for the upkeep this historic mansion.

THIS year, tourists will be al to view the White House only fro its lawns. Inside, workmen a swarming through the great roo made so familiar by schoolbo pictures. A $500,000 program reconditioning is under way. A the President himself is livi across Pennsylvania Avenue Blair House. This classic fou story stucco building, in its historic, is visible from the stre but there are no facilities for vi tors.

It may be late autumn, or eve midwinter, before the White Hou is again open to pilgrims, some 4 million of whom have walke through its public rooms, but a the other great buildings of Wash ington will be ready to receiv their owners.

IN ANY case, whatever yo choose to do in Washington, wher ever you decide to spend the da it's difficult to ignore the dome the Capitol, towering over th city. In more than one sense, th great structure and its flankin office buildings inevitably wi form the focal point of your visi

There is a sound reason for thi By writing your congressman o senator in advance, you will be a corded a number of privileges: (1 Seats in the visitors' gallery on day when the section reserved for th public is crowded; (2) perhaps chance to pay a personal call o your state's representative in th colorful Senate or House lobbies (3) lunch, either with him, or b his courtesy, in the Senate o House restaurants; and (4) if he' a senator, a ride on the little mono rail cars that run underground be tween the Capitol and the Senat Office Building.

From the massive bronze door of the Rotunda to the little walk way under the dome, from whic visitors on the floor below seem dwarfed; from the vivid painting that line the hallways to the im-

Turn to page 21

How really to see Washington

TO DO Washington in a day is unpardonable; to sample it in three days is perhaps possible; but to feel a part of this great capital city you must plan to stay for a week, if not longer. "It is impossible to know Washington unless you devote seven days to your study," says Harry T. Thompson, Assistant Superintendent of the National Capital Parks.

The question then is: How to plan for a week in Washington? Seasoned residents, accustomed to showing off their city, pretty much agree on the schedule outlined below. Clip it out and file it in your scrapbook of vacation plans.

1st day

Walking tour on Capitol Hill. Visit the House Office Buildings, the Library of Congress, the Folger Shakespeare Library, the Supreme Court, the Senate Office Building, the Botanical Gardens, and the Capitol itself, all free.

2nd day

By auto, drive from Capitol Hill to the Washington Monument. Take the elevator to the observatory platform, to see all Washington at your feet. Go on to the Jefferson Memorial, the Pan American Union; drive past the White House; visit the Corcoran Art Gallery; the Commerce Building, with its aquarium; the Department of Justice, where F.B.I. "gang-busting" exhibits will fascinate the youngsters; the National Archives, with still vacant shrines for the Constitution and Declaration of Independence (Congress declines to let them leave the Library of Congress); and the National Gallery of Art, with one of the world's great collections. All of these also are free.

3rd day

By auto, to the National Academy of Science, with exhibits the youngsters can operate themselves; to the Lincoln Memorial, most-visited of all Washington attractions; across the Potomac to Arlington Cemetery and the Tomb of the Unknown Soldier, as well as Robert E. Lee's mansion (10 cents); to Alexandria, where the village life of 150 years ago has been preserved; and end the day at Mount Vernon (25 cents).

4th day

By auto to the Bureau of Engraving, where stamps and bonds thunder from the presses; to the Tidal Basin, a placid barrier between East and West Potomac Parks, where the cherry trees blossom in early April; to the Freer Gallery; and, finally, to the Smithsonian Institution, the New National Museum (natural history), and the Old National Museum (inventions, personal relics of the presidents).

5th day

By car to Ford's Theater and the Petersen House, across the street, where Lincoln died (10 cents each); to Meridian Hill Park, a remarkable formal garden; along "Embassy Row," home street of diplomats, to the National Zoo; to the Naval Observatory, where clocks that determine standard time are housed; to the Washington Cathedral, rearing its half-finished bulk high on Mt. St. Albans; across to Georgetown, a section that cherishes its Colonial past; and downtown to LaFayette Square, across from the White House.

6th day

By car to the Government Printing Office, one of the greatest publishing houses in the world; out, leisurely, through Rock Creek Park, often described as the most beautiful big-city recreation area in the world; eastward to Catholic University and the nearby Franciscan Monastery with its replica of the Roman Catacombs (25 cents for guided tour); through the National Arboretum, a park filled with remarkable trees; and then on to Annapolis, an hour away, the site of the Naval Academy.

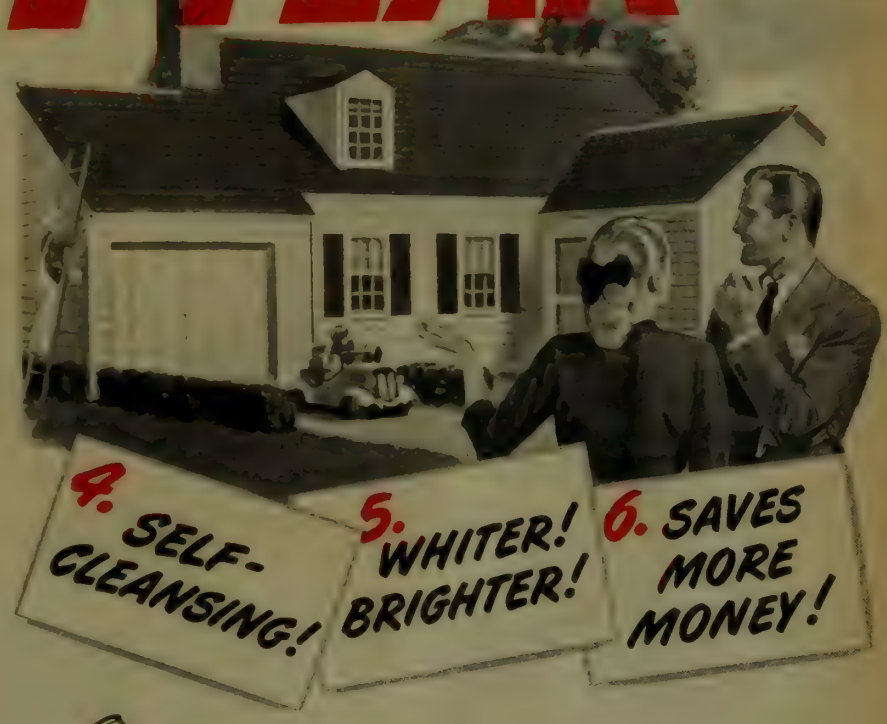
7th day

Sunday services in a number of historic churches, including the New York Avenue Presbyterian Church (Lincoln's pew) and St. Patrick's, the oldest Catholic church in Washington proper. Then drive 13 miles up the Chesapeake and Ohio Canal to the Great Falls of the Potomac. As an alternative, ride up a section of the Canal on a mule-drawn barge (60 cents for adults, 30 cents for children) or make a boat trip down the Potomac.

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Family vacation to Washington, D. C.

Continued from page 212

pressive House and Senate chambers; from the great stairways to the reception rooms, the Capitol is a building rich in tradition and eternally impressive. You may remember its grandeur; your youngsters are most likely to recall Statuary Hall, where a whisper on one side can be heard clearly on the other.

The Capitol itself, like other public buildings, can be efficiently seen on an hour's guided tour (cost 25 cents) but even after that is over you may want to go back and wander around on your own. And then, having completed your study of this building, whose cornerstone was laid in 1793, you will walk across to the Library of Congress.

The six million books in this immense building may seem impressive initially, but to most Americans the Library is notable because it enshrines, in glass cases, the Declaration of Independence and the Constitution. To visitors, there is a further point: The Library is open until 10 o'clock in the evening. All other major public buildings close at 5 p. m.

FROM the Capitol, it is just a step to the Folger Shakespeare Library, with rare folios on exhibition; the Supreme Court Building (Court is in session October to May) and the Botanical Gardens, where tropical ferns and great palm trees bring the South Seas into the city. Nearly every month in the year, there are flower displays here.

There are intervening buildings you will want to visit, but the Washington Monument, visited by a million Americans each year, is second only to the Capitol in its universal appeal. For a dime, you are carried up to the observatory under the roof, just beneath the pyramidal cap. As you ride upward, a recorded voice tells you the history of this structure (tallest masonry structure in the world; started in 1848, completed in 1885).

"There used to be the darndest chattering and yammering going on in this elevator," says Parks Superintendent Thompson, "but the moment we installed this recording, everyone became silent. It puts people in the proper mood to appreciate this monument."

THE custodians of the monument have their own private troubles with it: People scribble their names, in lipstick or pencil, on the walls of the staircase descending from the top, and this keeps a cleaning crew busy almost all the time; the thin slabs of stone on the outside have a tendency to crack away, and replacement work is regularly needed.

Across the Mall is the Smithsonian Institution, founded in 1846 on the gifts of an irascible Englishman whose own country ignored him—James Smithson, who never set foot in the United States. This red brick, rambling structure always has been charged with argument. For years, its directors refused to accept the unmistakable evidence that Wilbur and Orville Wright had flown the first airplane. Instead, they gave precedence to Samuel Langley, whose plane hangs in the great center hall.

Visitors this year will see the end of the argument—the Wright Brothers' plane, with a description underneath which acknowledges their primacy in the air. For years, this historic piece of mechanism has been in England, it has come back as a gesture of good will. From outside, the Smithsonian is memorable because it is one of the few public buildings in Washington not built in the traditional Graeco-Roman style.

STRICTLY speaking, the Smithsonian is a group of buildings, comprising the main structure, the Old National Museum, and the New National Museum. The whole family will find this a fascinating place. In the Old Museum the history of the telegraph, telephone, sewing machine, and many military weapons is graphically shown with real working models. Wives and daughters will linger at the exhibit of wax figures showing the actual costumes of presidents' wives, beginning with Martha Washington; every member of the family will pause to look reverently at the original flag which floated over Fort McHenry and inspired Francis Scott Key to write *The Star Spangled Banner*.

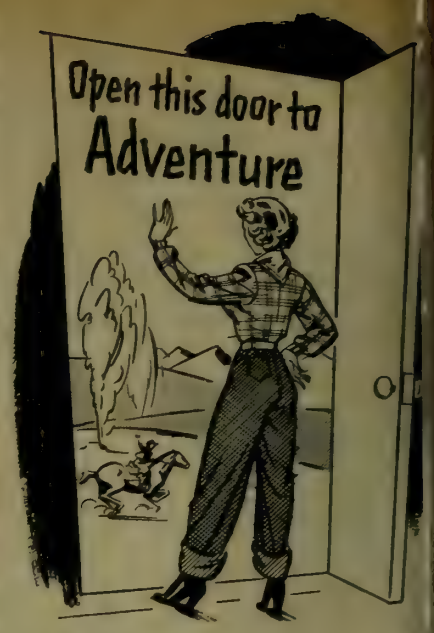
The New Museum, across the Mall, is jam-packed with exhibits of American animals in their native settings; with models of early American Indian villages; and with nearly a million plant specimens. There are so many things to be seen in the Smithsonian group that it is all too easy to overlook important exhibits. For this reason, it's a good idea to allot half a day, if you can, to a leisurely tour.

DOWN the Mall, looking both toward Arlington and the Capitol, is the Lincoln Memorial. Up its steps come nearly two million visitors a year—in daylight, when Lincoln seems to retire behind the shadowy pillars; and until 9 at night, when floodlights bathe the 19-foot-high statue.

Custodians here have no trouble with vandalism. "The statue seems to overawe them," says one guard. "People come up the last steps as if they were walking into a church." On a warm day, a visitor who puts a hand against one of the walls will be surprised to feel heat coming through. Concealed pipes warm the walls to prevent condensation and to save visitors from a drenching.

Next month, in particular, the Lincoln Memorial is seen at its most dramatic, rising over the pink flood of the cherry blossoms alongside the Tidal Basin. Half a million outsiders come to see this great natural spectacle, and the city marks the occasion by a Cherry Blossom Festival.

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ment horticulturists, studying buds and records impartially, have succeeded in predicting the blossoming of the trees within a day or two. Usually, the date is close to April 15. Washington newspapers run daily reports; and the whole city waits breathlessly for this annual miracle.

Since the government doesn't want its visitors to go away disappointed, its scientists have even devised a method for keeping the petals on the cherry blossoms. By using a hormone spray, the petals have been held on the trees for as long as 10 days, and they have resisted even the torrential storms which occasionally beat down during April.

TO THE summer visitor, particularly the visiting family, East Potomac Park has a particular significance. Hard by the Tidal Basin is a government tourist camp. Here, in comfortable cabins, a family of four may live for $2 a night, plus $1.05 for the first night for sheets and pillowcases. This is a little-known facet of Washington housing, but it is generally filled to capacity. It's advisable to write to the National Capital Parks, Washington, three weeks in advance of your visit to insure a reservation.

From the park, speedboats operate daily for a view of the city from the water. Rates are low: 60 cents for adults, 30 cents for children. The "Potomac Clipper," a full-size sight-seeing boat, makes 1½-hour scenic trips four times daily, at a charge of $1.15 per person. All such prices are regulated by the government.

SUCH a week as that described on page 213, even with side trips to places you may cull from the scores of guidebooks sold or distributed free in Washington, by no means exhausts the variety that is Washington. There are military band concerts on the steps of the Capitol three nights a week, with the floodlit dome seeming to float in space above the listeners. At the Water Gate, beside the Arlington Memorial Bridge, you may rent a canoe for $1.50 an hour and listen to symphony concerts while afloat on the Potomac.

To the motoring visitor, Washington can be either a delight or a dilemma. From 7:45 to 9:15 a.m., and from 4:30 to 5:30 p.m., roads leading in or out of town are jammed with government workers, and streets downtown are fairly well clogged. It's best to do your touring out of hours—before or after the times specified above.

THOUGH parking regulations are rather stringent, and the signs may seem confusing, police are patient and helpful with out-of-towners who unintentionally violate the law. A visitor who parks in a restricted space is practically never tagged. If you lose the way, or you want to find how to get to a specific place, just lean out of the car window and shout at the nearest passer-by. Washingtonians are courteous, and they're glad to help.

Your vacationing family, back

[*Turn to page 265*



Beautiful, new Aeropel Kitchen Fan keeps kitchens fresh as a daisy in thousands of homes by removing disagreeable odors and bad air. Only $43.75, plus small installation cost. Owners say it saves its cost many times over in lower decorating bills. See your electrical or home supply dealer or write American Blower, Detroit 32, Mich., or Canadian Sirocco Co., Ltd., Windsor, Ont., for free booklet.

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Windows can frame a view, lighten a room, and serve as point of inter

All kinds of windows

and what each will do

By Malcolm Graeme Duncan, A. I. A.

THE windows you need in your home depend on t service those windows must perform. No two types windows operate alike. Some work up and down, son work sideways. Others swing out; still others project o or in.

You can buy windows that let you see out, yet gua your privacy; let in air, yet don't let furnishings get we give rooms lighting without glare or contrast.

How are such things accomplished? The illustratio in this article show the variety of windows available you, how they work, and where to use them.



aking this picture window are double-hung sash to provide ventilation

Double-hung



With hinged panel



Standard type

uble-hung. Most common among all types of windows ll is the double-hung window, available in wood, alum-um, or steel. It gives you a maximum ventilation of ly 50 percent of the window opening, but you can take at 50 percent in three ways; all near the ceiling, all ar the floor, or half and half. With proper weather-ipping this type of window is snug and windtight, yet ill operate easily.

You can screen a double-hung window with flat, full-ngth frames on the outside, or with roll screens on the side. Or you can use a combination screen and storm indow permanently fixed on the outside.

Though double-hung windows are the lowest in cost, ey have two drawbacks. Unless your roof has a good verhang, you have to close them whenever it rains and lows at the same time. You can't avoid the horizontal eak between top and bottom halves [*Turn to next page*



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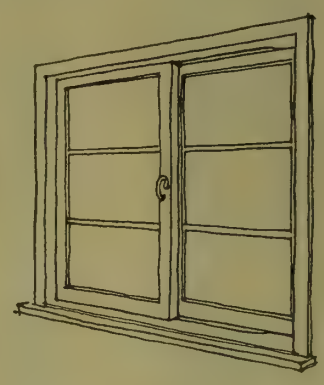
All kinds of windows

Begins on page 216

of the window. In houses of colonial design, this horizontal line is effective in helping reduce the height of a story-and-a-half or two-story house. In houses of more contemporary design that are only one story high, vertical window lines are important in controlling the appearance of the house.

There are variations of the double-hung window which solve some of the problems. One type has the bottom pane of a four-pane window hinged at the bottom and held in place with spring catches. With the window itself closed and locked, you can still have ventilation through this projecting-in bottom pane. And you can wash all panes from the inside.

Opens horizontally

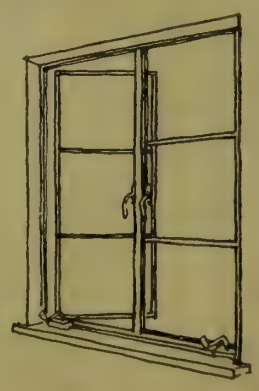


Sliding windows. A sliding window opens horizontally instead of vertically. It runs on a track in the sill, and one window swings out and past the other, leaving half the window opening free for ventilation. Screens are mounted outside the windows; storm sash fits inside. This type of window is made only in wood.

Sliding windows are attractive in appearance, and look well in pairs or in groups. You can get them with or without muntins (strips between panes), and because of their vertical lines, they are particularly well adapted to low-flung, one-story homes.

You can easily lift the windows out for cleaning. They don't project beyond the wall, are therefore not subject to strong wind pressure. They are made in a wide variety of sizes, and are weather-tight. Snow and freezing rain have no particular effect on their operation.

These swing out

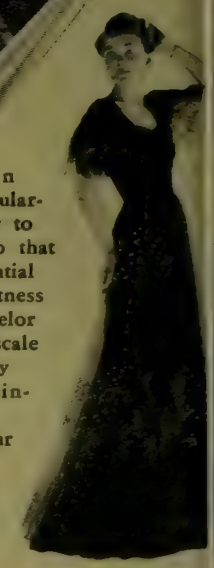


Casements. Windows that swing from the jamb and open out perpendicular to the house are casements. They move on pivots or hinges operated by a lever or crank at the sill, and give you the full ventilating value of your window opening. They come in steel, aluminum, or wood. Both screens and storm windows fit inside the casements, and are notched at the bottom for the window crank.

Like sliding windows, casements are very attractive, especially in groups. They are excellent for ventilation in warm climates because they corral any breeze. Because they do open into the weather, maintenance costs are higher than for other types of windows. Casements come in a wide range of sizes, and have the advantage of being easy to wash from the inside.

THE Smart-Figure GUIDE OF FASHIONABLE WOMEN





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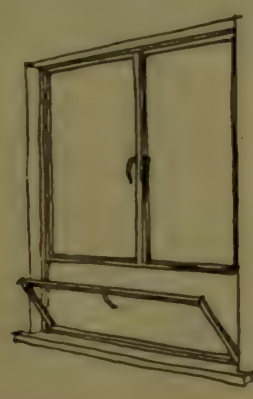
Awning type. Used for many years in hospitals, schools, and industrial plants, the awning-type window has only recently been adapted to home use. Like a series of casement sashes lying on their sides, one above another, they swing outward together, giving 100 percent ventilation but at the same time affording protection from rain when open. They operate on pivots at the jambs and open when you turn a crank in the sill. They are made of aluminum, wood, and steel. Both screens and storm windows fit inside.

Gives full ventilation



Awning-type windows are most effective when used in small groups. Because of their common industrial use, too many may make a home look like a factory. A breakfast alcove or a hallway are excellent spots for this window—where ventilation is important and privacy is not.

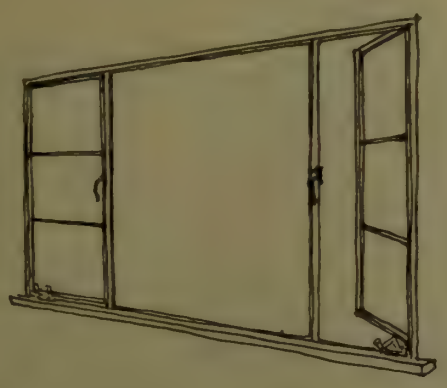
No drafts here



Combination windows. Where privacy and ventilation are both important, as in bedroom or bathroom, a combination of the casement and awning windows is a good answer. This type of window comes in three parts: Two casement sashes that are side-hinged and open out, and one bottom-hinged section which opens in.

With this type of window you can get anywhere up to 100 percent ventilation; you have air without rain coming in with it; you catch any stray breeze; and you can control the window opening so you get no draft. Flat screens for the casement part of the window fit on the inside; for the projecting section they fit on the outside.

For light and view



Glass walls. A lot can be said in favor of concentrating windows in groups, rather than having a series of single windows dotting the walls. You not only get more uninterrupted wall space, but you get a more even distribution of light.

[*Turn to next page*



WITH Cotton Insulation

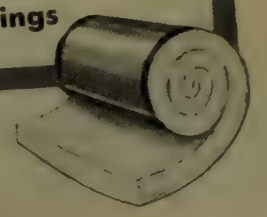


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"Standard" Insulation — Flint, Michigan

Insulation Industries, Inc.
"Triple-I" Insulation — Janesville, Wis.

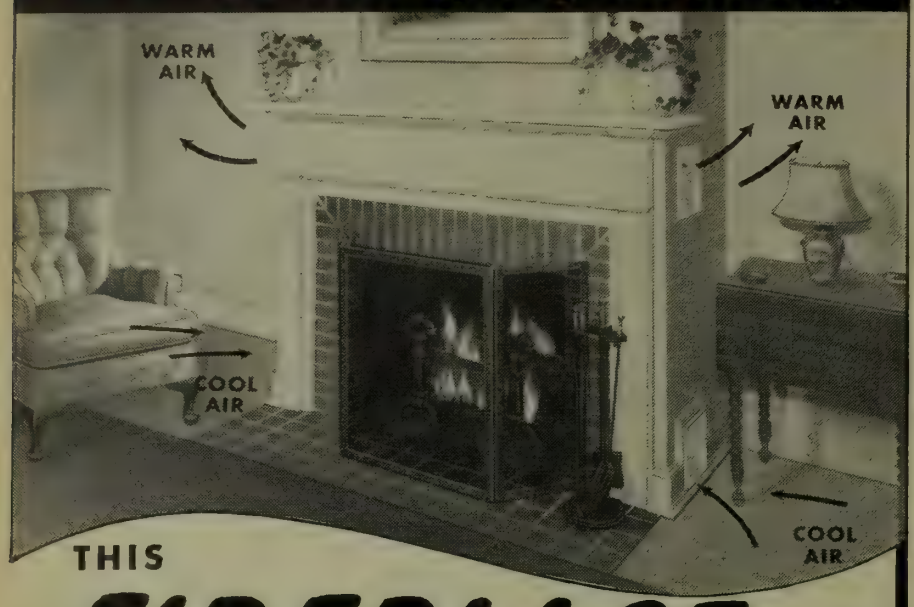
Lockport Cotton Batting Co.
"Lo-K" Insulation — Lockport, New York

Gilman Brothers Company
"Cellulite" Insulation — Gilman, Conn.

Barnhardt Manufacturing Co.
"Natur-Temp" Insulation — Charlotte, N. C.

NATIONAL COTTON COUNCIL OF AMERICA

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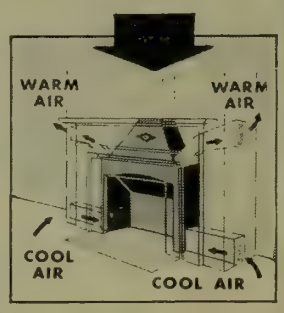


THIS

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actually circulates heat;

The Heatilator* Fireplace works on the principle of the warm-air furnace. It actually draws cool air from the floor level, heats it, and circulates it to far corners, even into adjoining rooms. It warms the entire room uniformly and comfortably, banishes chilly floors and drafty corners.



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In thousands of homes, the Heatilator* Fireplace makes furnace fires unnecessary on cool spring and fall days. It keeps the entire house comfortable, saves the waste and bother of starting and re-starting the furnace, cuts dollars from fuel bills.

Used and proved from coast to coast, the Heatilator Fireplace is indorsed by thousands of enthusiastic owners. Many claim it is the only heating equipment needed by most homes in mild climates.

Will Not Smoke

The Heatilator unit is a scientifically designed steel form that serves as a form for the masonry of any style fireplace. It assures proper construction, eliminates common faults that cause smoking.

Add Little to Cost

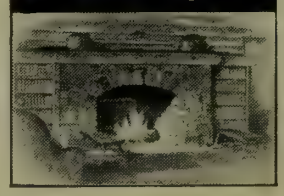
Complete from floor to flue, the Heatilator Fireplace unit affords substantial savings in labor and materials; adds little, if any, to the cost of the finished fireplace.

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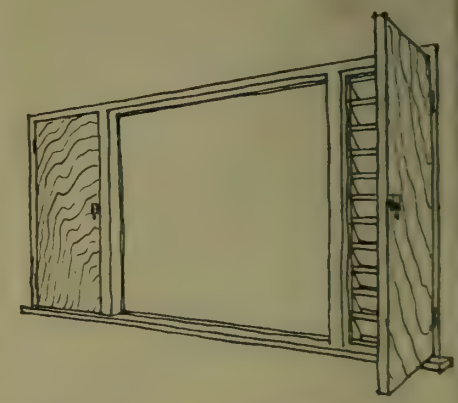
City.....Zone.....State.....

All kinds of windows

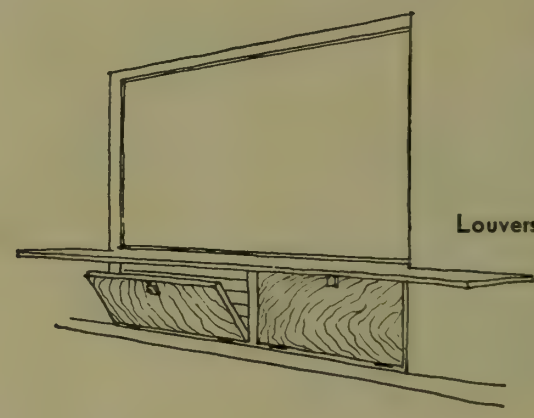
Continued from preceding p

Extreme contrasts of light and dark will tire your eyes while a broad band of windows will fill your rooms with a uniformly high level of daylight. If you think you will have too much light, remember this: With ample windows, you can always reduce the amount of light by pulling a drapery, but with small windows you can have just so much light and no more. As a test, find out in how many rooms you can see comfortably without a light on a cloudy day.

You get properly balanced ventilation through bands of windows in a number of ways. You can have each window operative, but you don't need that much ventilation, and you lose the chance for a fixed picture window. One of the most popular solutions is the group of three windows with the center window fixed and the two at the ends either casements or double-hung. This arrangement gives you good ventilation, an unbroken view from the window, and pleasant proportions that are easy to drape or curtain.



Louvers at sides



Louvers below sill

Fixed sash and louvers. Many architects have completely divorced the ventilating function of a window from the functions of admitting daylight and providing vision. The result is a large, fixed glass area combined with screened louvers and hinged or sliding ventilating panels. You can locate these panels above, below, or at the sides of the glass, depending on the proportions of the exterior wall and the room itself.

You have glass free for unobstructed vision and for maximum daylight unclouded by screens. You don't have to close windows when it rains; louvers are rain-tight, even with a good wind blowing. You don't have to fuss with screens; they are permanently in place either just inside or just outside the louvers. You don't have to struggle with storm sash; simply double-glaze your picture window. If you want to leave the house and lock it up, whether for a two-hour shopping trip or a two-week vacation, you don't have to shut out air to keep out burglars. Curtains never have to get in the way of the breeze, and therefore won't be soiled by rubbing on the screens.

[*Turn to page 223*



Outdoor bake ovens are still a common sight in ancient Quebec Province

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Left to right: Grande Baroque, Sir Christopher, Grand Colonial, Stradivari, Rose Point. Six-piece place settings from $27 to $35, according to pattern.

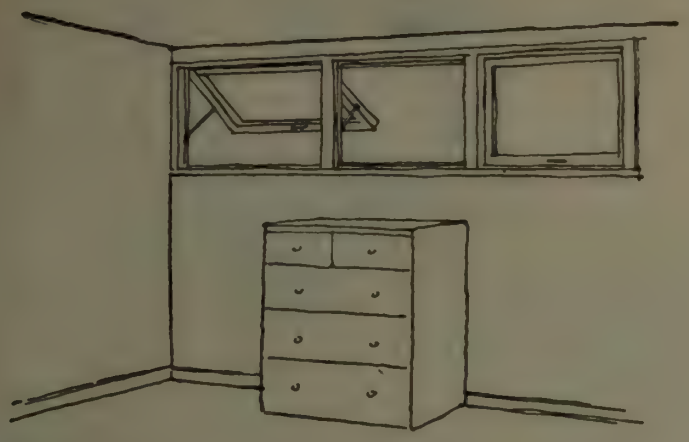


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STERLING

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ll kinds of windows

Continued from page 220



High for privacy

Strip windows. One way to handle windows in a small room with little wall space, or a room without any view, is to use strip windows. You can buy them in three styles —sliding, projecting out, and projecting in. You will find greatest use for them in a bedroom or on the street side of a living room where the street is heavily traveled. These windows give the light and ventilation you need without reducing privacy, and don't interrupt your wall space.

Minimum sill height should be about four feet. Wall space below can be used for beds, dressers, or bookshelves. High windows sometimes bring in a lot of glare with light, so unless you have a generous roof overhang or a trellis, you'll need some sort of light control such as blinds or traverse curtains.



Corner with a purpose

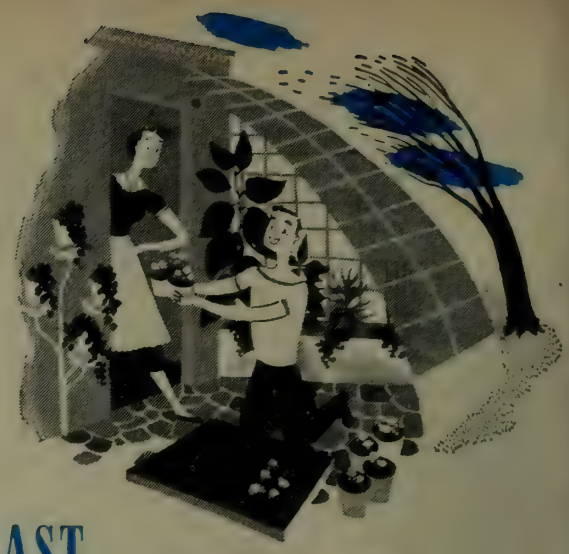
Corner windows. Though not as popular as they were 10 years ago, corner windows still serve a purpose—to give privacy in a room otherwise in full view from a neighbor's rooms. Or, if you have a fine view (not of your neighbor's room) from one corner of your house, why pass it up by using more conventional locations for windows?

One good corner arrangement is a combination of fixed and operating sash. Fixed glass at the corner, with ventilating sashes at the ends farthest from the corner, give cross ventilation as well as a continuous band of light. You also get as much unbroken wall space as possible.

Unbroken wall space is something to think about, too. You've probably tried to place furniture in a room with windows in the wrong place—a pair of sashes too close together for a divan between; or so far from your corner chair that you need lights on to read in the daytime; or the kitchen window so placed that your shadow falls on the range as you cook a meal. As you plan locations, widths, and heights of your windows, keep in mind what you want those windows to do for you and that room.



MARCH GARDEN GUIDE



In all sections:

- Repair and seed lawns
- Finish pruning hardy shrubs
- Feed complete high-nitrogen plant food to trees lacking vigor
- Apply lime where needed after forking in fertilizer
- Remove matted leaves on lawn, garden, and flower beds
- Straighten young trees before soil dries and becomes stiff

SOUTH

Start feeding and spraying roses as soon as first growth appears. Feed three times this spring with about 4 pounds of complete plant food per 100 square feet of rose bed at each feeding. Prune right after date of last killing frost in your area. Cut bush roses to 10 inches, but don't prune climbing roses until after they have bloomed.

Keep ryegrass lawns mowed so they won't shade out summer grasses which are just beginning to grow. Feed all types of lawns at least twice during spring, once now and again in May. Use 50 pounds pulverized sheep manure and 25 pounds of a good plant food for each 1,000 square feet.

Feed spring-flowering bulbs when in full bloom to insure growth of good bulbs for next year, 5 pounds of complete plant food for each 100 square feet of bed.

Kill weeds with hoe and 2,4-D before they get a start.

Feed azaleas and camellias and make sure they have at least 4 inches of mulch as they near the end of blooming.

—W. Elbridge Freeborn

TEXAS-SOUTHWEST

Divide fall-blooming perennials such as Shasta daisies and chrysanthemums. Plant zinnias, marigolds, and other tender annuals after the middle of the month. Set out seedlings of alyssum, coreopsis, petunias, verbenas, and similar flowers started indoors as soon as danger of late frost in your area is past.

Prune flowering shrubs (spirea, althea, vitex) as soon as possible to insure summer bloom, especially if pruning wasn't done after last season's flowering.

Fertilize and spray fruit trees and prune off deadwood.

Prune roses; remove old canes from climbers to help control mildew; feed and spray.

Re-sod barren and thin spots in the lawn.

Prepare beds for later planting of dahlias. But be sure not to work the ground while it is wet.

—Marian Price Scruggs

CENTRAL-EAST

Fertilize your lawn on days when ground is frozen and clear of snow. Use a low-nitrogen plant food (such as 4-12-4) to speed root rather than top development so grass plants will have a good root system when dry weather comes.

Check wrapping on trunks of newly planted trees to make sure they haven't blown loose, since damage comes when the spring sun shines on unprotected bark of such trees.

Straighten any fall-planted evergreens that are slanting due to uneven winter settling of earth.

Sow seeds of slow-growing hardy annuals (petunia, alyssum, and snapdragon) indoors. Pinch back petunia and snapdragon seedlings when 3 inches high to make stalky plants.

Also plant hardy vegetables (head lettuce, broccoli, cabbage) indoors for transplanting next month.

Start tuberous begonia bulbs for early summer bloom (see page 54). Pot and start to force geraniums stored dry in cellar over winter. Cut the plants back so they will be stocky and keep them well watered.

—Harvey Bicknell

PACIFIC NORTHWEST

Prune roses as soon as the weather is good. Burn prunings and dead or decaying leaves; black spot and other diseases overwinter in stems and leaves. Spray rose bushes with a dormant spray after pruning and before growth begins; cover every cane and the ground around the bushes.

Plant out pansies, ranunculus, wallflowers, and most other plants wintered over in coldframes. Plant cinerarias in rich soil in shady spots after about March 25 and give them a liberal amount of water.

Kill cutworms and insects in the vegetable garden with soil fumigant but wait 10 days after fumigating before planting.

Feed lawns with complete plant food; spray with weed killer if lawn is weedy. Sow new lawns and water thoroughly if weather turns dry after seed is up.

—Ada V. Turner

CALIFORNIA

Divide chrysanthemums and keep them growing with abundant feeding and regular watering. Take cuttings of bedding plants such as coleus, impatiens, geraniums.

Prune back fuchsias to two or three pairs of eyes on each branch. Mulch fuchsias instead of cultivating, if possible, since feeding roots are near surface.

Plant gladioli, tuberoses, yellow callas, and tigridias. Sow seed of ageratum, zinnia, phlox, and other annuals.

Wrap bark of newly transplanted trees or shade them on windy and sunny sides to prevent sunscald.

—Alfred C. Hottes

This much VIGORO* (4 LBS. PER 100 SQ. FT.)



. . . makes this much difference !

See the green lawn triangle! It was fed Vigoro . . . the rest of the lawn wasn't. Growing conditions were identical . . . same moisture and light



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EndoWeed . . . for a lovely, weed-free lawn.

VIGORO—complete, balanced plant food—supplies all the essential plant nutrients grass must get from the soil for best growth and development.

Work wonders with your lawn this year with Vigoro. And remember—the earlier you feed Vigoro, the more good it will get from the application. Vigoro—complete, balanced plant food—provides in ample amounts all the essential plant nutrients growing things must get from the soil. Just apply at the rate of 4 pounds per 100 square feet. Let early spring rains work the Vigoro down deep where it will do your lawn the most good.

Here's another Vigoro plus! Vigoro increases the humus (organic material) in your soil by helping grass grow extra large root systems. Thus, soil becomes a better storehouse for plant nutrients and moisture. Aeration is improved —helping both root and plant growth.

Make your lawn the neighborhood beauty spot. Get Vigoro from your garden supply dealer today and feed it right away—and at regular intervals, too.

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A fellow could write a long piece about the works of a lawn mower.

. . . about crucible analysis steel blades, self-aligning ball bearings, whether the gears are cast or cut, how the shield fits against the wheel, how many spiders there are in the cylinder and how the blades are fastened onto 'em—and so on.

Average man has to take things like that on faith.

People ask me about a new lawn mower, I just say, "What's the *name* of it?" Then if they say Great American, Meteor, Pennsylvania Jr., or Pennsylvania Power Mower, I tell 'em . . .

"That's *all you need to know*, neighbor. It's made by Pennsylvania, so it's a good mower. It'll really cut grass and it'll last you a long time."

Those Pennsylvania people been making fine lawn mowers over 70 years. Their mowers are always good grass cutters and I can tell you they're easy to work on. When you sharpen 'em they *stay* sharp. And when you true 'em up, they *stay* trued up.

I always say, "You don't have to know all the ins and outs of lawn mowers. Just get one made by Pennsylvania. It'll be a good grass cutter and will *really* give you service."

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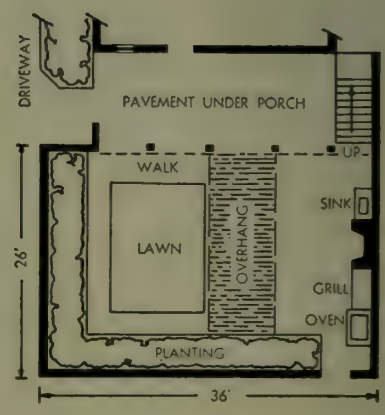
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New ideas for outdoor living



Fireplace and grill work overtime. They turn out delicious chops and spareribs at mealtime; at night the fireplace is used for its cheerful, ruddy light and to take the chill from the late evening air

By E. L. Anderson
Landscape architect



Photographs: Philip Fein



Sun shelter is simple but does a good job for a yard without trees. The two rafters are steel U-beams which need no support except at the two ends. Roof is o redwood stakes loosely spaced so some sun can ente

WHEN we set out to turn our back yard in Piedmont, California, into an outdoor living room, our requirements were far from simple.

We wanted a place to cook and eat and read and play. We had no trees, but nevertheless we wanted areas with full sun, with half-shade, and with full shade. Economy was important. And on top of everything, we wanted construction simple enough so that we could do much of the work ourselves.

We took care of the important matter of privacy by building a fence of redwood grape stakes, unpainted and six feet high. It is supported by steel posts set into a low concrete wall which levels the back yard.

Our area of full shade was already provided, in the space under the upstairs porch. For half-shade we extended supporting beams at right angles to the porch and roofed them over with grape stakes loosely spaced to allow sunlight to filter through.

Elsewhere on the terrace we get the full sun. Part of the open space was left in a small lawn; the rest was paved with concrete, leaving only a strip of earth for planting between paving and the grape-stake fence.

Turn to page 229

OXYDOL *brings you this gorgeous guaranteed-to-bloom Gladiolus Garden*

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an *entirely new kind* of whiteness

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For name of nearby Pincor dealer, call Western Union by number. Ask for Operator 25.

New ideas for outdoor living

Begins on page 226

Concrete was used for paving because it could be cleaned easily just by turning a hose on it. We cut down the glare by using greenish-brown concrete stain.

Planting is permanent. That way it saves us the expense and work of constantly buying and setting in new plants. To make our outdoor living room usable at night, we attached a floodlight to the porch. It is removable for indoor storage in the winter.



A fence is only as good as its gate. This one is made of grape stakes fastened to the frame of a standard steel fence gate. There isn't the slightest sign of sagging although a young daughter has discovered it makes a perfect place to swing



Potted flowers brighten the deep shade under the porch. The gate opens on the driveway; translucent plastic cloth has been tacked up overhead to hide unattractive ceiling joists

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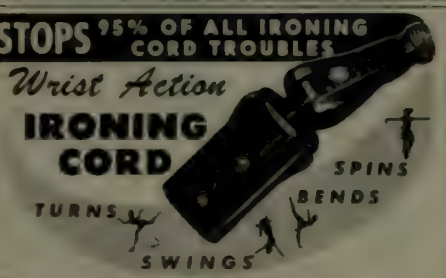
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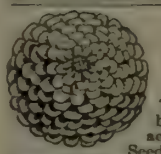
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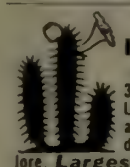
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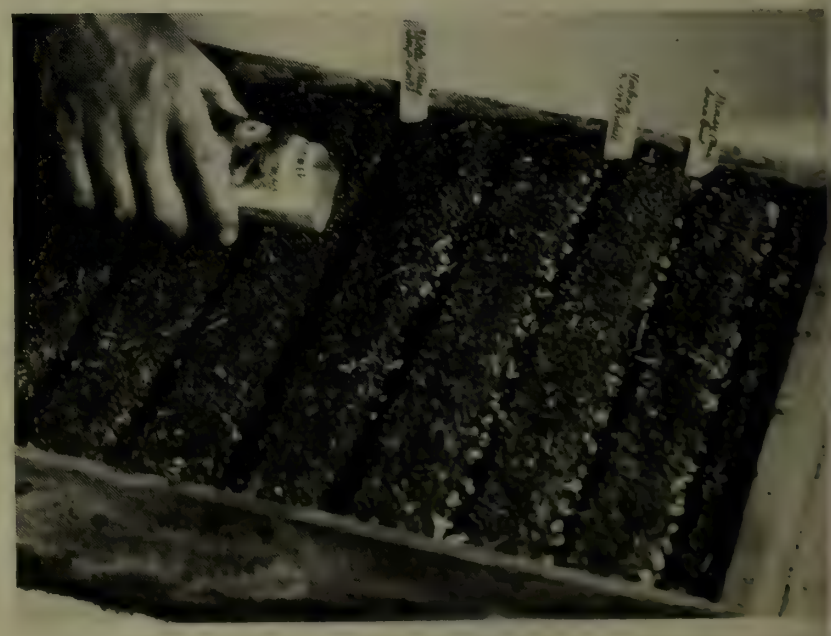
WITH garden seeds, an early start is a head start. Plant them indoors to gain days and even weeks in getting flowers in bloom and vegetables on the table.

Check the growing time of your seeds; don't be caught with dozens of plants ready to move outdoors when there is still a month of frost ahead. The back of seed packets often gives the information you need.

Use any handy containers for starting seeds, although the best are simple flats made from any scrap lumber. Fill with sifted soil, shake to settle, and firm by pressing with a brick.



After the soil is ready, use a thin board to press shallow furrows into
Seed packets almost always give the right planting depth, if not, a sa
rule is not to plant deeper than 2 to 3 times the width of the seed. Ve
small seeds need no furrow at all; a thin covering of soil will be enoug



Sow the seeds thinly enough so that plants have room to come up. To b
on the safe side, buy treated seed to prevent damping off fungus whic
kills seedlings, or shake up a pinch of disinfectant with your seeds. An
label the rows; it's amazing how easy it is to forget which is whic



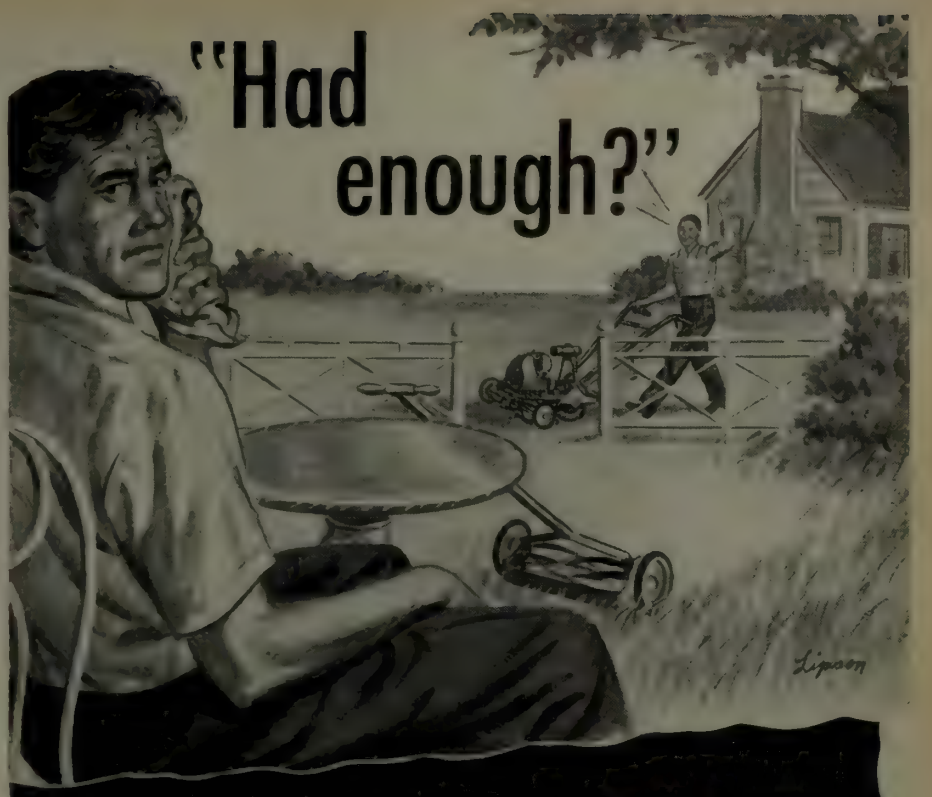
Cover the seeds by sifting fine soil or sand over them. Then water and place in a dark but warm spot. You can cover with a piece of paper for darkness, but leave room for air circulation to prevent damping off disease. Keep the soil always moist but never have it in a soggy condition



If you're putting only one kind of seed in a flat, you can sow broadcast like this; cover with sifted soil and place in the dark. But no matter how you plant, move flats to a warm, sunny window when plants are through the soil. Seeds sprout best in darkness, but plants won't grow in it



As the seedlings grow, they will crowd. Thin out the weaklings, or transplant as here to a flat where plants will have more room. Treat them gently because they're tender. From then on, your only job is to keep them watered and in a sunny place until it's time to plant outdoors



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The diary of a plain dirt gardener

By Harry R. O'Brien



What a day! Winter again, snow, wind howling. Blower on furnace broke down and so did thermostat. And I figgered up income tax and find I still owe Uncle Sam money on what I earned last year

March 1 As I paddled around this ...te p.m. putting out feed for the ...rds, I saw that some narcissi are ...ming up on the east side of the ...ouse, just underneath where the ...ey rack hangs from a lilac bush. ...from now on, I'll have to be ...reful-like, lest I step on these.

This appearance of narcissus is ...uch later than usual—which is ...l to the good. Late appearance ... bulbs is likely to mean a normal, ...od spring.

Weather was balmy, too, though ...ark and cloudy. Grass is begin...ing to show touches of green. Am...ition begins to stir within my ...oul. And so put on overalls and ...ut to work. Exact truth is that ...round was too soft to use a wheel...arrow. So I lugged out four bas...ets of ashes by hand. And, Broth...r, even this made me wheeze. ...o I quit and came back indoors.

March 2 Hurray!—as we sat at ...reakfast, we saw our first robin of



Saw our first robin of the year as we sat at breakfast. In fact, I counted six of them hopping on the east lawn

of the year. In fact I counted six robins right out there, hopping on the east lawn and flying around the viburnum bushes. As I looked out the study window later, I saw that buds are swelling on the President Grevy lilacs.

Within said dining room, by the south window, that amaryllis bulb in a pot, that Maggie has been nursing along since about November last, has a bloom stalk that is shooting up. It's nearly a foot high and there is great expectation as to just what color the flower will be.

March 3 To meeting of our men's rose club tonight. You guessed it, the program was about black spot, a talk by Dr. C. C. Allison, plant pathologist from Ohio State University. He brought in a blackboard and drew some sketches to illustrate how black spot works. The moral of his talk was that the best time to control black spot is to get on dust or spray just ahead of a rain. If the pizen is there awaiting when the spores of the disease light, they will be killed off and never get a chance to take hold and grow.

March 5 Homeward bound a bit early and stopped at Bill's barbershop for haircut. As I stood putting on my tie after Bill had given my meager gray locks their customary spring pruning, I stood there and made oration, to wit:

"What I need most in the world isn't a haircut. It's a nervous breakdown. Gosh, if I could just afford one. Then the doctor would tell me I have to go down South for my health." You see, I have reached the age in life when toward spring I'm sorta tuckered out



"I need a nervous breakdown," I told the barber. "Then the doctor would send me south for a good rest"

—what with too little exercise and too much smoking my pipe indoors and too great an expansion about my middle circumference.

March 6 "Where do you want me to put this thing?" says Maggie, this Saturday morning as she arrived with energy in the living room for a major assault on old papers, piles of magazines and seed catalogs. By "this thing," she meant a handy gadget that had come in the mail the other day. It's a new type of applicator for getting 2,4-D on big weeds in the lawn. It's a long tube, hollow, into which the liquid is put. You daub the weeds with a sort of sponge on one end. Looks right handy.

"Put it back of the door to the basement," says I. But it looked like high time for me to make a getaway from the living room. So I put it there myself.

March 7 Weather bad, so I've been catching up on current literature which means seed and nursery catalogs and ads in the garden pages. Even clipped out some coupons to fill in for sending away—if I can get the checks written when Maggie isn't looking.

I've been thinking of spring work, too. There are some leaves to clear off the lawn. It would stand a square meal of plant food, and it is high time to put it on, around here. There's pruning work put off because of wet ground.

And I wonder if I could borrow Neighbor John's little power sprayer to get a dormant spray on the bushes to kill off scale and other pests. (Note: What I did later was to buy one of my own, an improved model of a small home power sprayer with a little gas engine on it. I can get a pressure readily up to 225 pounds and apply anything from a fine mist to a stiff stream. It does a much better job than the old bucket sprayer, worked by hand, now that our trees and bushes have grown so big.)

March 9 Downtown and sure enough, dropped in at the seed stores to howdy with the folks and find out how things are coming. Business is already under way, with considerable emphasis on the vegetable side. Supplies are more plentiful this year. Seed racks are well filled. There are stacks of lawn seed and plant food and sprays and dusts and racks of tools and shelves filled with flats and what not.

March 10 Dearie me—came home tonight with nerves worn, and yet with enough energy to make oration to the family.

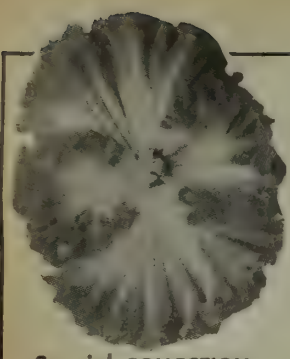
"I'm gonna take a vacation," says I. "I'm gonna stop work and go down South, where it is warm. I'm gonna take $500 out of the savings and go down there and stay until it is spent. Anybody in the family who wants to go along is



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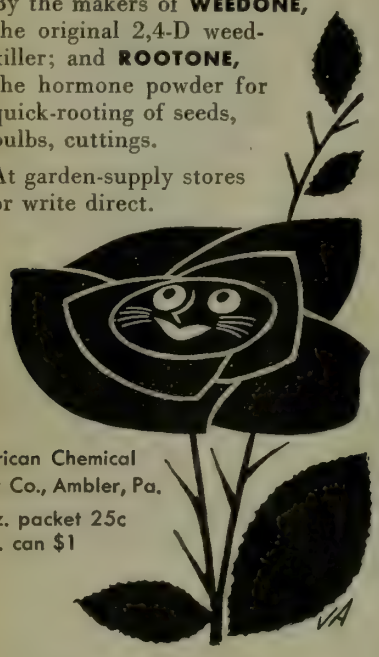
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The diary of a plain dirt gardener

Begins on preceding page

welcome." Somehow, this did not strike a responsive note. So I got out some railway timetables and AAA hotel directory and atlas. Sat in my easy chair and studied these awhile.

Then I made another oration. "Guess, if none of you want to go south with me, I'll take a train trip," says I. "I'm going right down to the station, get in a sleeper on the Sunshine Special and stay right in that car until it gets to El Paso, Texas. I'll get out. Loaf a day or two. Then take the sleeper back home.

"Gosh—think of being on a train for two days. Nothing to do. Nothing to worry about. Nobody will know me. Nobody will corner me at lunch to ask how to prune roses. Nobody calling on the phone to ask whether wood ashes are good for the lawn." This didn't arouse any enthusiasm either. Maggie mumbled about how the kitchen needs painting. Donald voiced speculation about how the darkroom in the basement needs rebuilding. So I went to bed.

March 11 What a day. Winter again. Snow. Wind howling. Blower on furnace stopped working this morning. Thermostat control on furnace door stopped working too. Figgered up income tax and find I still owe Uncle Sam money on last year.

When David got back from classes at the university, he repaired the blower and got thermostat to working. Snow melted on south side of house, so I could see that the crocuses are growing.

March 12 News tonight was that Maggie was downtown, got her hair frizzed and bought a new spring suit and other things. She has decided we might as well take that trip down south.

And I've decided that we can't afford any spring vacation and will have to stay at home.

March 13 Excitement prevails. That huge bud atop the stem on the amaryllis is slowly opening out into a big flower—some sort of rich light red. Another bloom stalk is pushing up, too.

In the mail was a notice that some new roses ordered have been shipped. Donald is wondering where in the world we'll find room for them. He vows we filled up the beds last fall. Mebbe so, but I'm old enough to know without looking that there will be enough old ones dead to get in some new ones. When I hear a fellow bragging how he didn't lose a rose over winter, I put him down at once as a spreader of tall tales.

March 14 Visitors came this Sunday afternoon. I spied them flitting around in a high-bush cranberry bush as we ate dinner. I rushed to get the field glasses for a closer look. It was a flock of cedar waxwings. They stayed all after-

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noon, then proceeded on their way.

March 15 That box of roses came. One variety in it was Lavender Pinocchio which I saw last summer in a trial ground. It really is a soft lavender, a new color in roses. I'll report about the others later.

When roses come at a time when it is too wet to plant, I leave them packed in the box, if it is only a wait of a day or two, in a cool place where it won't freeze. If it means longer, and I can find a dry spot—often in a seedframe—I open the box and heel in the plants in a trench, leaning at an angle and covered almost to the tips. I left these today in the garage.

March 16 Into the house whistling this late p.m. My tune went, "Springtime is coming, hurray, hurray; the crocus is blooming today, today." It was the sight of the first little yellow flower outside the living-room window that I had spied as I went out to get the evening paper. But land sakes—Maggie says she had already noticed it.

March 17 Being part Scotch, I could see no special reason for breaking in my new green spring tie today. When work time came, I got out a spade from the tool shed and gingerly began to dig a hole in a vacant spot in the rose bed. As a matter of fact, there are a number of such spots, that Donald didn't know about. I found sun and wind had dried the soil enough.

So to work with the new roses. Donald dug the holes and I came after, doing the planting. With soil still a bit damp, I didn't set the plants too deep in the ground and just threw soil back in without any attempt to firm it down. Rains will settle the plants down better than I can. I like the bud joint to be about two inches below the surface. This is a good time to set out roses, the earlier the better around here.

March 19 Dressed up in Sunday clothes, our family went down to our nearby state university and saw Donald handed a diploma by the dean of the College of Commerce, which certifies that he is now a graduate of said university. While this commencement proceeded, there came a mighty storm of wind and rain.

As we came back toward home, we saw sad ruin in our suburban community, with trees down across the village square, in churchyard, across the main street. Toward home, we saw that a big Norway spruce in Neighbor John's yard had been uprooted. But nary a thing done to us except small branches blown off.

March 24 Away on a business trip and in Cedar Rapids, Iowa, tonight. When I get here, I always aim to call home on the phone. So called tonight, to find Maggie in a dither.

She told me our pump has gone bad. That's our sole water supply, for we live beyond a water main. Pump simply refuses to work. She blames me because I hadn't taken care of it months ago.

[*Turn to page 248*



Swan America's Choice
the "time guaranteed" garden hose!

Swan Garden Hose is now reinforced with genuine Du Pont "Cordura" high tenacity Rayon Cords, which assure maximum strength, flexibility, ease of handling, and long life.

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USS CYCLONE FENCE
UNITED STATES STEEL

Your front walk

Continued from page 27

The indirect approach



PROBLEM: No real reason for the curves. Visitors cut corners, wear out grass.



SOLUTION NO. 1



SOLUTION NO. 2

. . . and what's good about both solutions:

1 The new walk in both solutions has been made of concrete since it connects with a concrete street walk.

2 The new planting in both cases prevents corner-cutting by careless visitors and keeps them on the walk. The planting also provides a reason for the curves, making them appear necessary to get around trees and shrubs.

3 The new trees and shrubs also give visual setback to the house, so that it now seems farther from street.

4 The first solution has the advantage of minimizing the service entrance. The second solution, on the other hand, provides an unbroken front lawn to give the house a setting without distractions.

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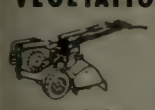
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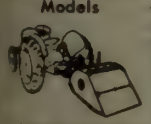
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Stumbling-block steps



PROBLEM: The curving steps are an invitation to a bad fall since they are spaced wrong for normal walking gait.



SOLUTION . . . and what's good about it:

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3 A vaporproof light has been installed at right side of first step, making for surer footing at night. Such lights are easy to install on a simple wood or concrete bracket, low and close to the steps. The shrubs help hide the installation. If there is a side wall alongside the steps, use a flush step light which sets into a waterproof box in the wall.

4 Although not used in this solution, a handrail can be added for extra convenience and safety. For wider steps, the handrail can be erected down the center.

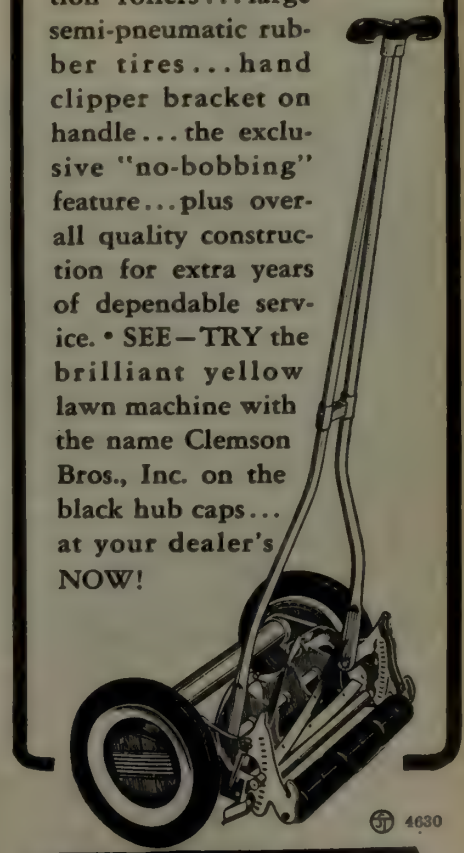
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PROBLEM: Small walk looks badly out of proportion to size of large house.

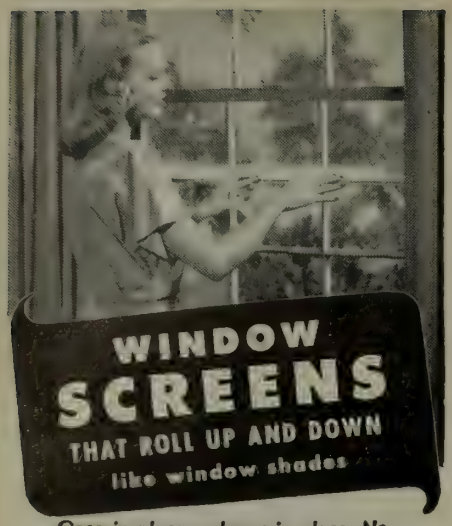


SOLUTION . . . and what's good about it:

1 The small path has been removed, and a wide, curved walk laid across front of the house. The indirect approach gives the illusion of more space and provides the large Colonial house with needed setback from the street. Such a wide-swinging curve suits a wide house on a wide lot, but it should be remembered that the same type of curved path usually looks silly in front of a small Cape Cod house.

2 Besides improving appearance, the new walk has also made access to the house easier, especially where main foot traffic comes from the side of the house opposite the garage driveway.

3 The busy foundation planting has been eliminated. This was accomplished without making any new planting, and the evergreens are the same as before; but they have been permitted to grow together rather than kept as sheared freaks. Such base planting is needed to emphasize the broad, gracious lines of a large Colonial house. The former planting created a vertical emphasis which was completely out of character.



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Waterlilies are easily grown and should be in every garden. Put them in a tub of water if you do not have a pool and in a few short weeks you will enjoy beautiful blooms.

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20 UNUSUAL BULBS $2
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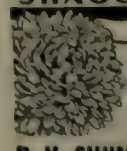
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Get early blooms of these favorites. Start inside in March, transplant in May.

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Beautiful foliage, blended designs—white, red, green, rose, purple, silver
8 TUBEROUS BEGONIAS, Camellia-type $1.00
Large bulbs, 1 each 8 lovely colors
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Cash or C.O.D.—Shipment early March

ROCKNOLL Dept. BH Morrow, Ohio

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3-15c Packets. One each Hearts of France Red, Snowball White and Blue Gem. Gorgeous 3 in. Blooms 24 in. thick on stately stems. Send for Today for these gorgeous asters and Big Seed, Plant and Nursery Catalog. **FREE**

R. H. SHUMWAY SEEDSMAN Box 343 Rockford, Illinois

Is your sloping walk a rainy-day hazard?



PROBLEM: Path slopes from house to street, making it dangerous when wet or icy. Owner not ready to rebuild path.



SOLUTION . . . and what's good about it:

1 Grooves have been cut into the sloping walk. They not only give a fair measure of skidproofing, but also tend to attract attention to the walk so that visitors look where they are stepping. The grooves were readily cut into the concrete with a motorized carborundum stone, and are 8 inches apart, about 1/16 inch deep.

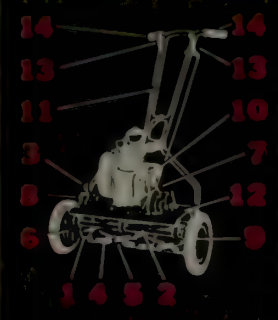
2 The steps at both street and door have been lighted below eye level by vaporproof lamps. The lighting not only makes the steps safer but draws eye attention down and makes visitors aware of the slope.

3 The foundation planting has been lowered and extended along the entire foundation line. Besides knitting the house and site together, it also helps to keep the eye level down. Window boxes and vines which might make one look up have been avoided, and won't go in until after the dangerous path is replaced.

Eclipse

THE WORLD'S BEST LAWN MOWER





THE LEADER... Point for Point

1 Power driven wheels
2 Power driven heavy duty reel
3 Power driven sharpener
4 Five sharp durable blades
5 Oil tempered lower knife
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7 Positive action clutch
8 Roller chain drive
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11 Balanced tubular-steel construction
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14 Natural-grip, all-steel handles

The unmatched performance of an Eclipse Rocket is due to outstanding features found only in Eclipse power mowers. Designed to provide easy, low-cost maintenance of beautiful lawns—these precision-built power mowers are the result of almost 50 years experience devoted solely to producing the world's best lawn mowers. They offer an entirely new concept of effortless, economical, motorized-mowing. Easy-handling, powerful and durable, they are noted for unfailing mowing perfection. Point for point comparison shows why the value offered by an Eclipse has never been equalled. See the latest models at your nearest dealer.



Free Booklet

Describes, in detail, all the features to look for in a power mower—shows Eclipse models both hand and power. Write for your copy and name of dealer.

THE ECLIPSE LAWN MOWER CO. 403 Railroad Street, Prophetstown, Illinois

How to live on a slope and like it

By E. Helaine Lintleman
Landscape architect

YOUR house is probably much newer than ours. Your land may slide only one way downhill. But you can still use several of the devices we found good with a house 150 years old and land that dropped 15 feet just while crossing our house front and fell off almost as rapidly front to back.

What we did here, you can do, with the same big gains in living space outside, drier house walls, and a much better look all around.

Anytime you change a grade, soil must be moved, and that means muscle work. So better make a plan as we did and work to your plan. That way, you make no useless motions.

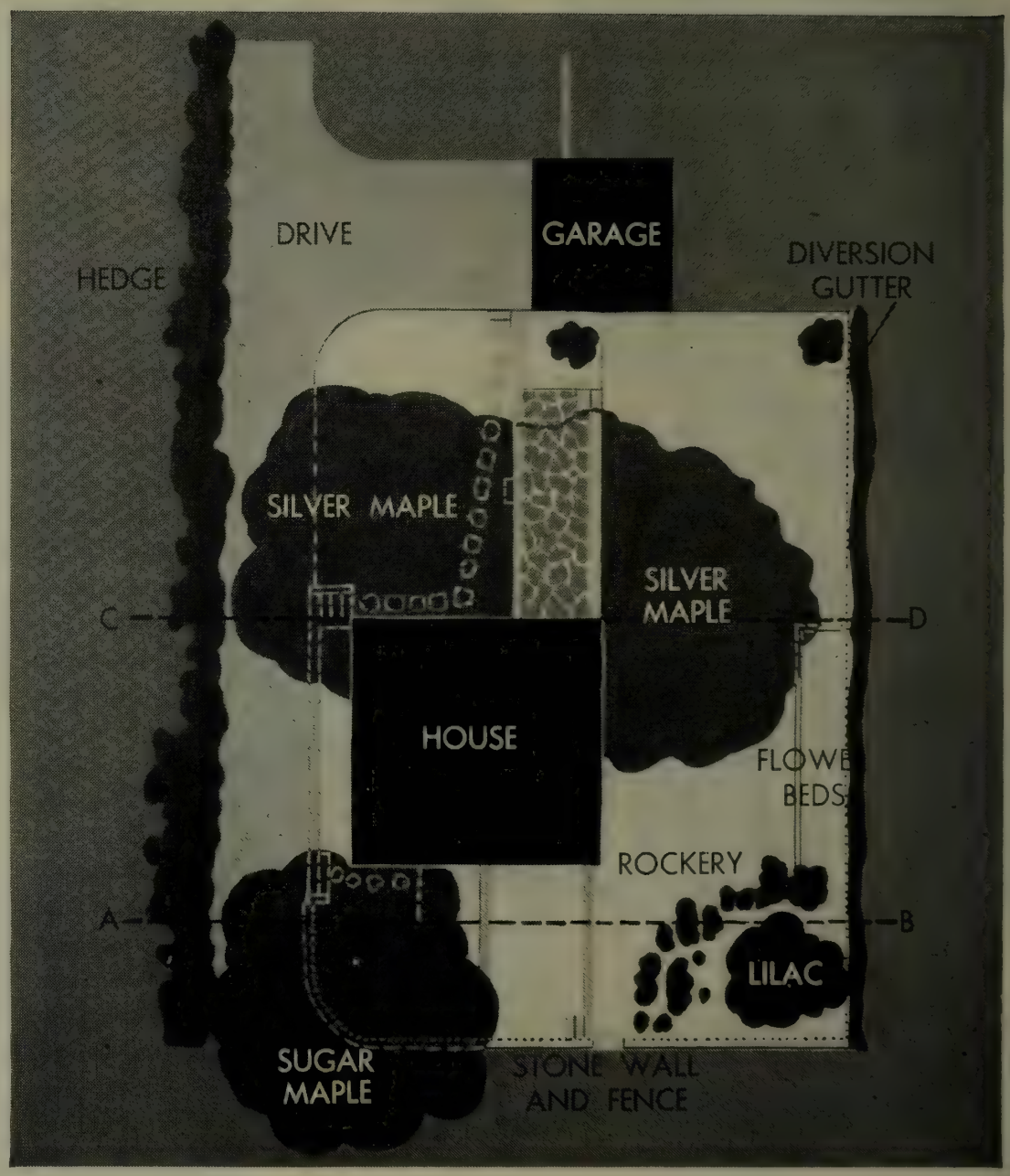
Every wheelbarrowful does its bit toward stopping the bad runoff of your topsoil, or brings nearer the day when you can sprawl at ease on your new terrace in complete privacy and full of good will toward your neighbors.

We still wonder why earlier occupants didn't wash away during the first 150 years of our handsome old Bucks County, Pennsylvania, home, now so livable and dry.

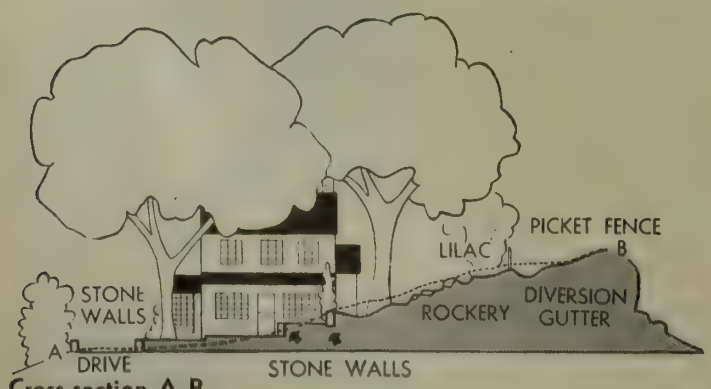
The tiny side windows, 5 feet from the dining-room floor, open out at ground level. And our hill mounts abruptly from there. The first and most obvious problem was to stop the runoff from the hill from coursing right through the house.

The pictures show how we did it.

More on page 242

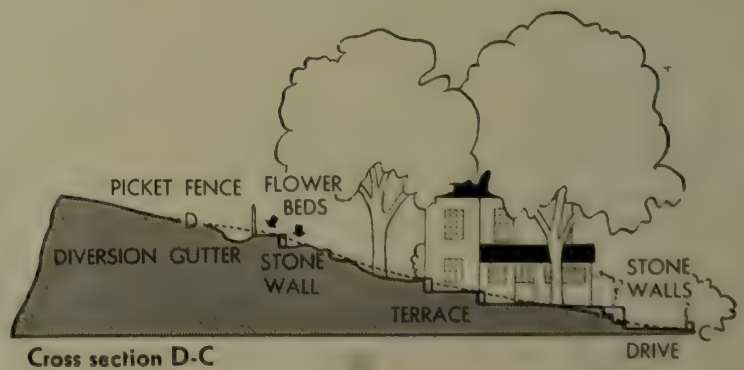


In the flat, our plot plan could be anyone's well-organized home property. Compare lines A-B and C-D with profiles below to visualize the remodeling problem created by the steep sloping land



Cross section A-B

Dotted line here shows original slope across front. Two shallow gutters, kept in sod, now divert water away from house wall



Cross section D-C

The slope across the back of the house was made into space we can use by grading it into four step-terraces held by low walls

Frame your home in Natural Beauty



FIRST STEP! Feed

ARMOUR

Velvetgreen

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Mansion or bungalow, it's easy to add new, natural beauty to your grounds with Velvetgreen, Armour's complete, better-balanced plant food. Begin with your lawn. In the spring, grass roots are reaching for food — for the complete nourishment that Velvetgreen provides. Feed Velvetgreen. See how your lawn comes up thick and green, days earlier than unfed lawns.

And plan to feed Velvetgreen to shrubs, flowers, trees and garden vegetables, too. It gives remarkable results with *all* plants because: (1) it builds deeper, stronger root systems; (2) develops sturdier stems and leaves; (3) makes finer flowers, fruits, vegetables.

Remember — for greater natural beauty all around your home, feed Velvetgreen. At your garden supply dealer's.

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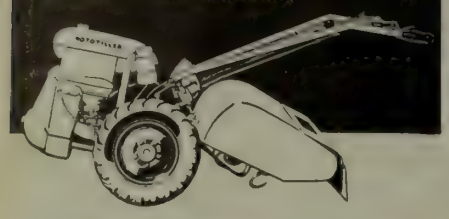
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STEMS AND LEAVES

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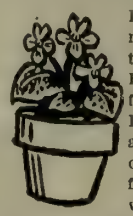
3 Paul's Scarlet Climbing ROSES $1.75
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10 BLUE SPRUCE $1



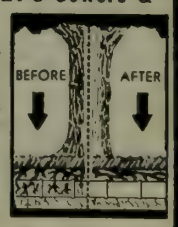
10 Colorado Blue Spruce, 4 yr. transplanted, 3 to 6 in. tall — only $1 postpaid, 22 only $2 postpaid! Another Bargain: 40 Evergreens, $3 postpaid; all transplanted, 4" to 10" tall. Ten each Scotch Pine, Balsam Fir, Norway Spruce, Red Pine, all 40 for $3. (West of Mississippi River add 25c.) Free illustrated price list of small evergreen trees.
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WESTERN MAINE FOREST NURSERY CO.
Dept. B-39 Fryeburg, Maine

AFRICAN VIOLETS
VERY SPECIAL
BY MAIL ORDER 3 for $1



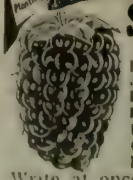
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Show this ad to your local store, who will supply you . . . or . . . order from us direct. Sent promptly, postpaid!
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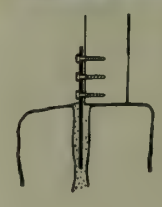
SCARFF'S Cultural Guide for Successful Planting
FINE FRUITS for HOME and MARKET
SCARFF'S HIGH QUALITY BERRY PLANTS



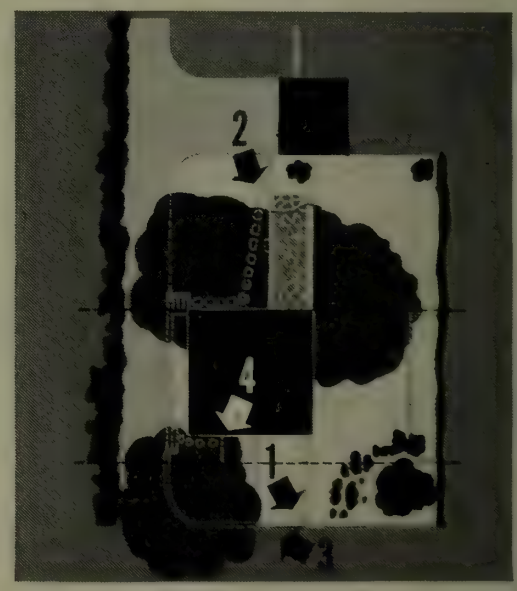
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How to live on slope





1 The curved top stringers of our fence were made by sawing cuts halfway through the 2x4's, blowing sawdust out, bending the "vertebrate" pieces to desired curves. The 4x4 posts were bolted to iron braces already cemented into the wall



Photographs: Gottscho-Schleisner



2 A good rear view of our remodeled two-way slope as it looks from the wall that holds the bank above the garage entrance. Well masked by small-leaf hollies, dwarf pines, and yews, a sturdy concrete wall thwarts all thrust of winter frost action against the new terrace floor

slope

Begins on page 240



With the living-room floor 2 feet below the road and only a 25-foot back, our problem in front was to make the road seem as remote as ssible. So on its outer side the front wall is now 1 foot above the road, d the boundary further raised with a stepped-down picket fence



From the lower inside level, the problem was to avoid a too prison-ike wall, and to accommodate wall and fence to the land which drops off rapidly toward the rear of the house. The white fence not only pro-ects our front yard but is easily picked up by car headlights at night

A Garden Full of Gladioli for $2.00

Order now so you can start monthly plantings in April to have big colorful glads blooming from July to frost . . . an ever changing pageant of all the gorgeous colors. 50 BULBS of our GRAND PRIZE MIXTURE—Treated for Thrip—with simple cultural directions for only $2. Prepaid.

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Spring pruning

Continued from page 23

Shape shrubs by pruning



The way you prune shrubs will depend on the way you want them to grow. Remove suckers as here if you want the bush to grow tall into tree form. If you want it to grow into a spreading bush, let the strong shoots grow up from the base and content yourself with removing weak and dead wood and branches which spoil the shape of the shrub. Rejuvenate old and scraggly shrubs by completely removing one-third of the oldest branches to the ground each spring.



Some types of trees are very prone to put out useless and unattractive water sprouts near the ground and from the upper edges of branches. Nip them off with your hand pruners, and make sure you leave no stubs. Many fruit trees put out water sprouts from limbs; remove them at once because they grow vigorously but seldom produce fruit.

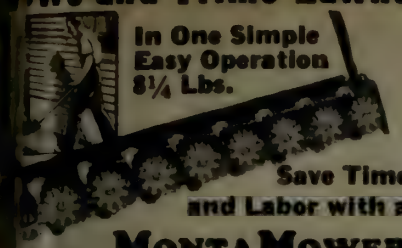
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Spraying with Black Leaf 40 is deadly to destructive soft-bodied sucking insects, spares many beneficial insects. No burn, stain. No harmful residue. That's why it's
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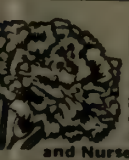
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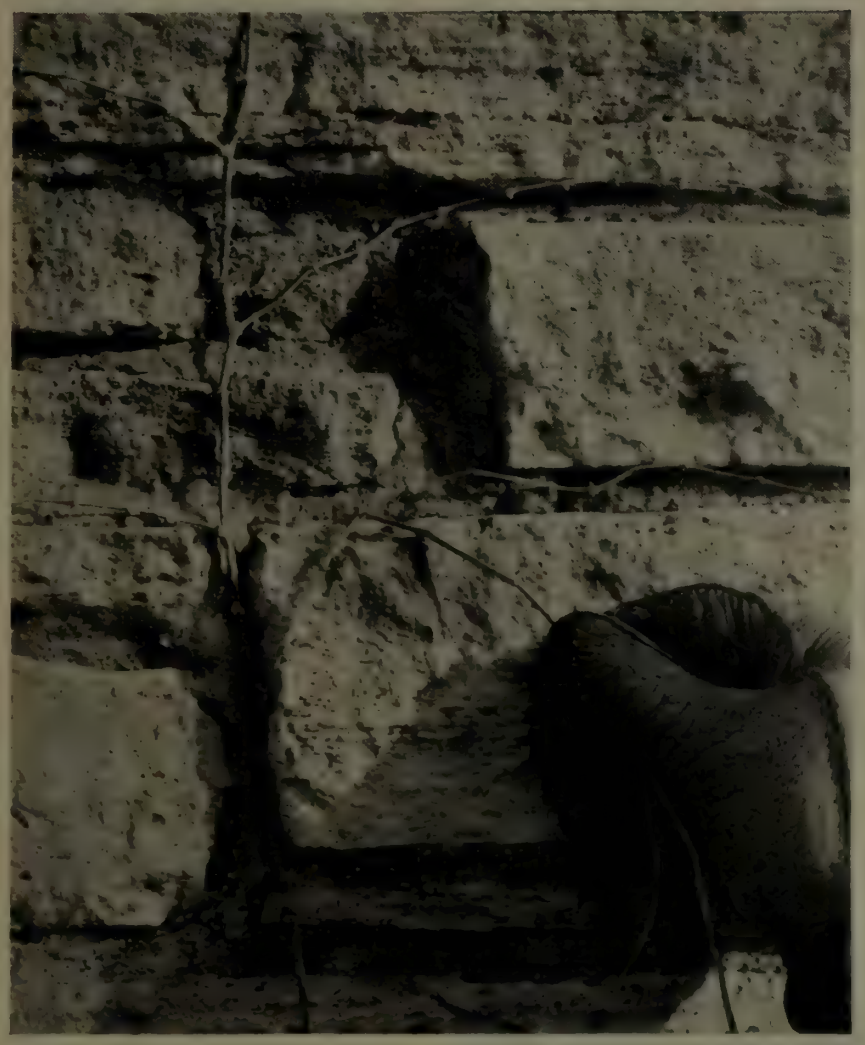


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Here is a sad example of wrong pruning. The owner of this shrub tried to get new growth by whacking it off. Stumps are decaying and the bush is an eyesore. New growth can be forced with many shrubs by cutting back to the ground, but not 6 inches above it. Such action, plus heavy feeding, might still give this plant a fair chance to pull through.

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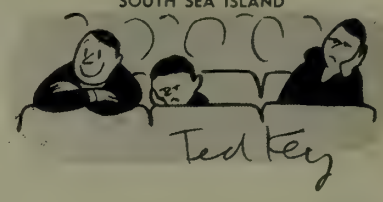
COWBOY PICTURE



DOMESTIC TRIANGLE



SOUTH SEA ISLAND



Grow begonias—

Begins on page 54

make much bigger, showier plants.

For best results and a longer season, start begonia tubers into growth indoors. In the northern half of the country do this between the first of March and the middle of April.

Spread your tubers out in a warm spot—65 degrees and up, in an open tray or box. They need no soil at this stage. Sprinkle lightly each day until each shows the first sign of a pink nose.

On tubers under 2 inches in diameter, better let only one shoot develop. If more shoots start to push out, rub off the weaker ones.

Once growth starts, plant your tubers at once in flats, or separate pots filled with a mixture of sand and peatmoss or leafmold. Set each so that the point on the rough tuber where growth is emerging is covered ½ inch. Put in a warm, light place and keep sand-peat mixture uniformly moist.

When the shoots reach 3 to 4 inches tall, they're ready for potting. Or, if all danger of frost is over, for planting directly in the soil.

Potted begonias are a delight to watch at this stage. The stems of many are covered with reddish hairs so bright that against the light the whole plant looks as though made from twig coral.

Transplanting. When setting the young plants in beds, note that the front of the plant, the face, will always be the side where the leaf tips point. For the best show, see that all your plants face you.

All moving should be done with the least possible shock to the roots. Have the soil in beds already made light and porous by mixing through it a large quantity of leafmold or fine-milled peat.

For potting soil, use one-half to two-thirds leafmold or peat and the rest sandy loam.

After plants are well started, give each one a small handful of fish or cottonseed meal. Work this well into the soil.

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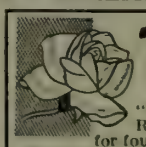
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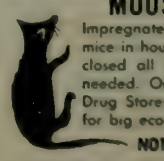
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handled begonia tubers, staking is important. Stakes should be set early—while a 12-inch stake is twice as high as the plant. Half-inch stakes split from cedar shingles or bamboo do better at holding heavy bloom stems up than small wire stakes do.

For the biggest flowers, only one stem should be allowed to develop from tubers 1½ inches or less. Tie with half-inch strips of soft, inconspicuously colored cloth, raffia, or a very soft cord. Knot this on stake first, then loosely about begonia stem about 5 inches from soil. Make another tie before flowers develop.

Watering. This is never a chore but needs to be carefully done. A very gentle overhead spray daily, or twice daily serves best.

Keep begonias sheltered from midday sun. A little sunlight morning and evening, especially if it could be called a dappled light, is good for them.

Slug bait. Except for breakage by wind and by dogs out of bounds, you will have little trouble with pests on your begonias. Except slugs. To be safe, buy a commercially made slug bait and place this under small wooden blocks close to your begonias.

Summer care. A loose mulch about an inch thick of litter-size peatmoss or coarse leafmold will help keep begonia soil cool and moist. It will also save splattering the flowers with the daily spray. Tuberous begonia flowers make gorgeous indoor decorations when cut. Support one to three on a couple of peony leaves for a colorful centerpiece. In all cases, avoid making open wounds on tuberous begonia stems. In cutting leaves or flowers, leave a bit of each flower or leaf stem attached to the main plant.

Winter storage. When the first frosts put an end to the great begonia show, withhold water until the stems and leaves dry. Potted plants may be carried indoors. Those in beds should be forked out and set in a tray to ripen off.

After stems have parted cleanly from the tubers, brush any remaining soil off, and store tubers in a cool, dry place until spring.

Or, for greater safety, store them in dry vermiculite in screw-top glass jars set in a cool spot (40 to 50 degrees).

Other types. With the exception of pruning, these growing directions apply to all tuberous begonias. The hanging type grown especially for baskets and porch and window boxes are not pruned to one stem. With these, the more stems to produce the flower clusters, the more handsome your baskets will be.

Companion plants. For contrast in size and color, set in the lovely, small blue lobelias, and pixie-like torenias or monkey flowers. Use tall ferns as a background. Then, for color anywhere in the shade—you'll find you can't beat begonias.

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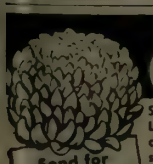


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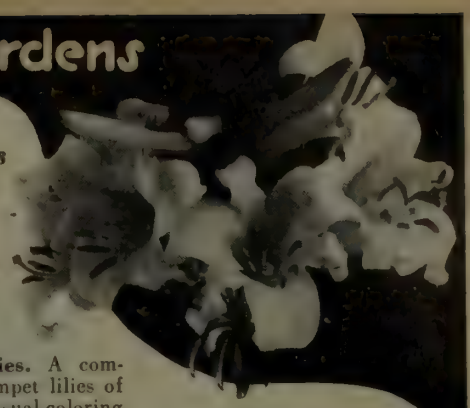
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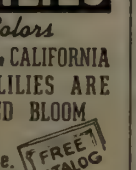
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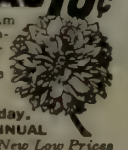
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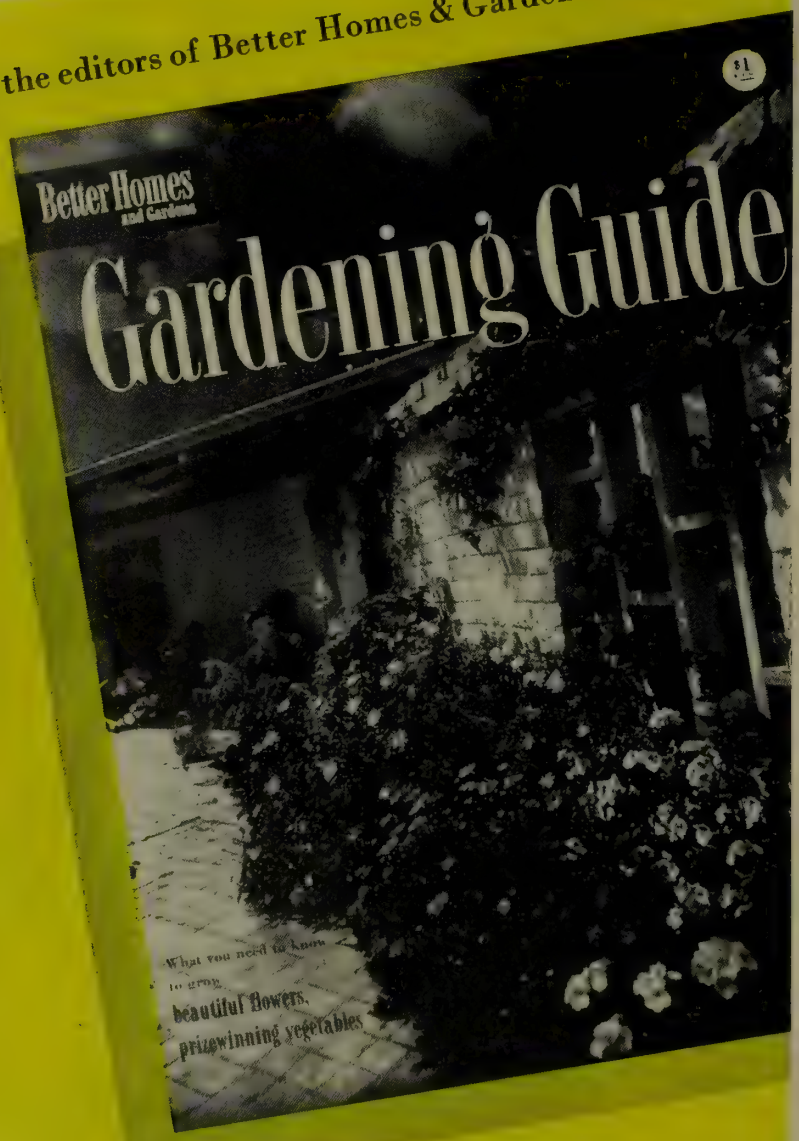
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Ask for the *Better Homes & Gardens Gardening Guide* at newsstands, department stores listed on page 271. Or, order direct from 5903 Meredith Bldg., Des Moines 3, Iowa. Only $1. (In Canada, $1.25)

The diary of a plain dirt gardener

Continued from page 235

March 27 Back home after dark tonight. And was greeted by news. That pump man had come. He had pulled out our old pump which had served us for 21 years. Said it was worn out. David told him to go ahead and put in a new one. So he had. And bless my soul, we have water, plenty, more than we have had in years. Which is a blessing. But the bill will be mebbe $400 when it comes.

March 29 Ground dry, so began uncovering roses. Took the two-pronged weeding hoe and pulled away the soil I had heaped around



Ground dry, so I uncovered roses. Most of them are in good shape, but a few are dead as I expected

the base of the canes last fall. Most of them are in good shape, though as expected, a few are dead. This job will take several days.

March 30 Man at the door this morning was the tree pruner for the power company. Our maple trees in front have grown to where they interfere with the wires. He wanted permission to cut back the trees. When he gets through, the trees will look like umbrellas. I don't like it, but what can one do?

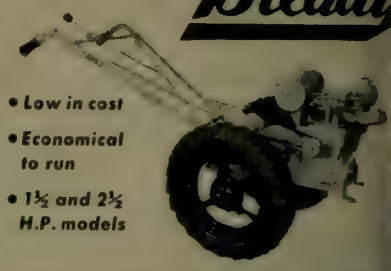
March 31 This month has been devoted to upkeep and improved household efficiency. All I need now is for a rich uncle—at present unknown to us—to get home from Australia with a fortune. In the mail was a letter from the power company, saying Maggie had made a mistake and didn't send enough money for the bill the last time. One note of cheer is that the buds on our little magnolia are swelling.

News Notes: *Among the new vegetables for 1949 is a Chinese cabbage, Michihili—pronounced Mich-hee-lee. This is similar to the older Chihili but is firmer, more sure-heading and more uniform. Ideal Snowball is a new cauliflower that stands both heat and freezing weather. And a new radish worth trying is Cherry Belle.*

New annual flowers include: Spry Hybrids, a new hybrid strain of miniature marigolds; Eldorado, a dwarf French double marigold of canary-yellow color, which is a new shade in dwarfs; Midget Harmony, a dwarf form of the older favorite marigold, Harmony; and Snowball Improved petunia which is a lower growing, more compact Snowball. Cosmos Crimson Scarlet is new with crimson-scarlet flowers, fine for cutting, on 3-foot stems.



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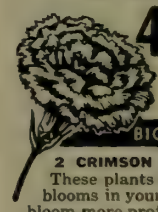
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Begins on page 31

Growing hyacinths indoors

I want to start hyacinths indoors. I was told to pot bulbs in good soil with tops ½ inch below the surface and then place in a cool, dark place. But what's the next step after that? K. L. B.



Right now the needs of your hyacinths are coolness, darkness, and moisture. But when flower buds show as they do here, move plants into the light, but not sunshine. Keep them cool (less than 60 degrees) for another two days to adjust them to the change without any shock to the plants



move the plants into sun- . Hyacinths, like most r bulbs used indoors, need ty of water so never let dry out. Your reward will loom like this; the flower ds may be so heavy that will need inconspicuous ng to hold them erect



Don't throw your hyacinths away after they are done flowering. Keep them growing until the danger of killing frost is past outdoors. Slip the ball of earth out of the pot undisturbed and plant in garden soil. Although the bulbs can't be forced again and are done flowering this season, they'll bloom outdoors next year

More on next page

PETER Henderson's *Introductory Offer of the*

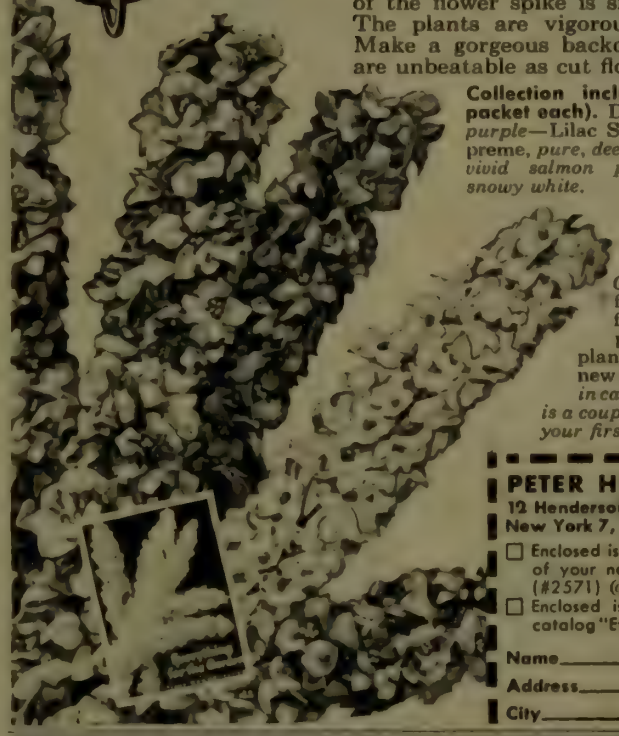
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Write for Henderson's 1949 Garden Catalog

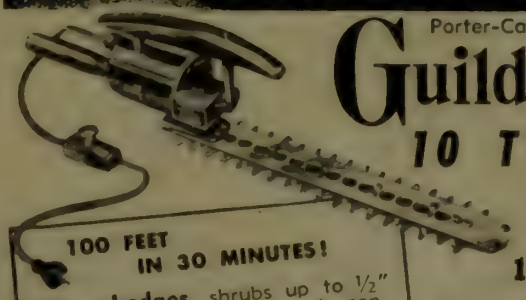
Our new catalog, "Everything for the Garden," is full of helpful information. Tells how to plant, where to plant, what to plant, new varieties, new colors, new tools and equipment. *Send 25¢ in cash or stamps for your copy. There is a coupon in the catalog good for 25¢ on your first purchase of $3.00 or more.*

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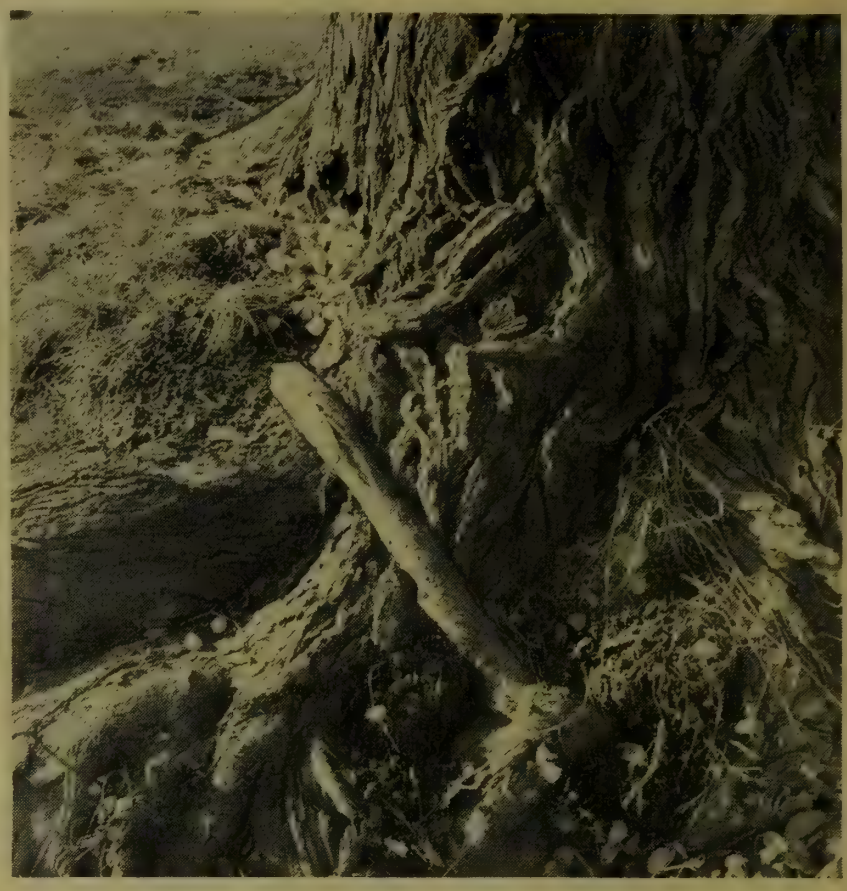
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AZ-2

Garden clinic

Continued from preceding page

Q What's this talk about girdling roots? A tree expert called at my door last fall and told me my big elm was killing itself. B. H. C., New Jersey.



Girdling roots can choke off the movement of food and water in a tree. Cut off such roots as soon as you find them. Look for them in the top foot of soil near the trunk. Suspect their presence if your tree seems to grow poorly on one side or if the trunk has a flat place instead of the usual swelling at the ground line.

Q What is the best way to protect the trunk when you are making a fill near a big tree? I know I shouldn't let the dirt cover the trunk, but how can I avoid it? Y. U. L., California.

Photographs: Stanley



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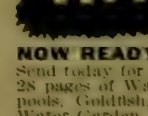
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Your tax returns!

Begins on page 16

Here are four rules to follow if you want to come up to tax-return time with a set of records that will save you money.

RULE 1.

Keep intelligible books. If you wait until the eleventh hour to make out your tax returns and try to do it without some kind of understandable records in front of you, you're apt to overlook or forget a lot of deductible items. To keep from forgetting, I keep an ordinary notebook at home, another in the glove compartment of my car, and another at the office. In these books I jot down all the items I think are deductible. And in listing the items, I'm not overly critical as to actual deductibility. If I think they *may* be deductible, I put them down. I can check their actual deductibility later. I always list the date of purchase and the amount paid and include items that are deductible on both state and federal tax returns.

RULE 2.

Check the books. At the time you prepare your return, you should compare your check stubs with your books to be sure you haven't overlooked anything. Then you should make a physical check by walking through the house (with your wife) from room to room, upstairs and in the basement, and even out in the garage, to refresh your memory on things you purchased during the year. Such a visual inventory will remind you of large purchases that involved sales tax and other items that are deductible.

Then sit down with a calendar and, again with your wife, check each month to be sure you haven't overlooked any trips that are deductible, gifts that are deductible, and other expenses that should be listed in your books.

RULE 3.

Keep up-to-date on what is deductible. Most bookstores have pamphlets containing a check list of deductible items. The list changes a little from year to year, so be sure you're working from one that's up-to-date. When you've finally prepared your tax return, read the allowable deduction list *out loud*. For instance, in considering medical expenses, the taxpayer should read *out loud* such items as "artificial teeth," "ambulance hire," "drug and medical supplies," "patent medicine," "vitamins," "prescriptions."

RULE 4.

Make expert use of an expert. When you've closed your books for the year and have filled in your return as best you can, you'll still be smart to take (1) your new return, (2) last year's return, (3) statements supplied by your employer, and (4) your books to the collector's office, (where services are free) or to an accountant or attorney. If you present an intelligible set of records, the expert can



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While it turns trash to ash—
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Another Majestic Product

Your tax returns!

Continued from preceding page

afford to charge you only a minimum fee. And because your pattern of living probably won't change too much from year to year, once the expert has set up a return for you, you will take less of his time in succeeding years.

The importance of using a deduction list such as we discussed under Rule 3 can hardly be overemphasized. There are many, many items that are deductible and are overlooked by taxpayers every year. Perhaps the main reason for this is that *the deductibility of items is not based upon logic.* Many things for which you can deduct appear to be items that "just shouldn't be deductible."

Did you know that even if it is *entirely* your fault (but not due to willful negligence) when you smash up your car and even though you were using it for pleasure, that your loss may be deductible?

Did you know that if you forget to drain the water out of the pipes in your home, and even though your home is not used in connection with your business, if those pipes freeze and burst, you can deduct that entire expense of repair?

Get a deduction list, check it carefully and often!

Your home. Taxwise it is cheaper to own your home than to rent one, so the alternative of buying may be preferred. If you rent your home, the rent is not deductible, but if you purchase your own home you may deduct both the taxes on the house and the interest paid in connection with the purchase. And what is perhaps more important and seldom recognized is that the equity in your home is receiving tax-free interest. This is because any rent you might have paid for a home would have had to include a fair return on the owner's investments.

Part of your home may also be used in connection with your business. If you have callers or clients coming to your home, then you can deduct a reasonable amount for the room that is used as an office, and you can also deduct a share of the heating bill, the water bill, and perhaps most of the telephone bill. If you sell your home for more than you paid for it, remember in determining the *cost* of the home *to you*, add the cost of all major improvements, and thus by increasing *your* cost you will reduce your total profit and as a consequence reduce the tax you must pay on that profit.

Your contributions. Don't forget to list any clothing you gave away to a recognized charity organization as well as any money you donated. The reasonable market value of the clothing is deductible as well as cash contributions. The list of organizations to which contributions can be made proves why you should read the deduction list *out loud*. It's easy to forget about the money you give to the Girl Scouts, the American Legion, or the Christmas Poor Fund because those gifts are often small. In the case of the last, it may be n tossed into a bucket on the s but if both you and your wife in a $1 you can, perhaps, sa cents by remembering tha made the contribution. In l charitable contributions, don get that the expense actuall curred in driving your car a for the church or for the Red or any other recognized orga tion is a deductible expens cents per mile is a fair estima

Your medical expenses. deduction list will itemize medical expenses that you overlook. Perhaps the mos portant oversight might be cal travel. If a mother or f or even a servant must accom a sick person to a distant clini expense of travel for the pa and the accompanying perso be deducted as a medical exp and, of course, the hotel bill food bills can be deducted as if the presence of the relati servant is necessary for conti care of the patient.

Your job expenses. You deduct for the original cost an periodic cleaning of uniforms other articles of clothing "tha specifically required by the payer's business, being used s in his business, and not adap to continued wear to the e that they may be said to re the wearers' regular clothi Money spent to buy tools an cost of maintaining an autom (to the extent that it is use business) are deductible items

Your travel expenses. you're in business, you can tak alternative of combining plea and business trips instead of ta separate trips. All the expens the combined trip may be ducted except those due solel the pleasure element.

There is, of course, a lot of c information in a good income booklet. It should be read for purpose of picking up other gestions. Usually these are eas understand and easy to follow. instance, suppose you are plan to get married either at the en one year or the first of the year. A tax booklet should tell that if you get married on Dec ber 31 instead of say January 4, you will save hundreds of lars. This is because husbands wives get to split their incom *the full year* even though they married on its last day. On other hand, don't get divo until after December 31, bec if you and your wife are not married on the last day of a y you lose the entire year for poses of tax splitting.

So you can see that it is Uncle Sam who is "The M Man of March." More often the taxpayer himself.

The government only w what is due. With a little patie and a little reading, you can pr ably reduce your taxes and s real money.

As a taxpayer you may be y own worst enemy. Stop be tough on yourself—why not le the rules and follow them?

LITTLE BURNS
OFTEN LEAVE
UGLY SCARS!

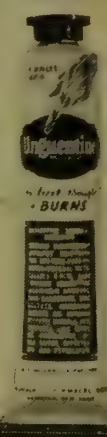


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IN CANS OR TUBES
WEATHER RESISTANT

...od manners

...s on page 174

...ese to smile when they greet ...est and to look at the other ...on. Make these two courtesies ...ntegral part of "hello" and ...d-bye."

...school Pete and Patty

"*Shake hands!*" Before a guest ...es, give Pete a connecting ...t of interest between himself ... the guest. "Mrs. Brown knew ...dy when he was a little boy ...you." When the guest arrives, ... Pete in and introduce him. ...n let the situation lapse into ...ething between adults, so that ...ete wants to be excused, he ...n't feel that the spotlight con-...ins.

...each your Patty how to treat a ...st by making a game of it. Let ... dress up in your clothes and ...e to call. Little girls love to ...matize, and they learn that ...

"*...wareness.*" Give Pete and ...ty a sense of detail. When ...'ve gone somewhere together, ... about it, urge them to tell you ...the little things they remember. ...is makes them aware of other ...ple—a priceless social grace. ...er, because their minds are not ...y with themselves, they will ...e poise.

"*...Eat neatly!*" Before he's 6, ...n't expect Pete (or Patty) to do ...ch more than scoop up his food ...hout pushing it off the plate. ... show him how easy this is as ...n as he can feed himself. ...ide his hand as he scoops from ... outside of the plate to the ...ter. Praise him when he does it ...tly. Give him a paper napkin, ...d he'll quickly learn to wipe his ...uth.

"*...Wash your hands before eating.*" ...ake it easy by keeping a foot-...ol in the bathroom so they can ...ch the lavatory. Hang their own ...wels low enough to reach. Praise ...m.

"*Use your handkerchief.*" Boys ...d girls should be taught not to ...ugh or sneeze on others, and to ... disposable tissues.

"*Excuse me, please*" when it's nec-...sary to cross in front of grown-...s. If Pete or Patty forgets, have ...m come back and say, "Excuse ...e, please."

"*Close the door softly.*" As soon ... Pete and Patty can close a door ...y to them, "Close the door soft-..." If they burst into a room and ...am the door behind them, have ...em go back and come in again.

...rade-school Guy and ...retchen

"*...What beautiful table manners.*" ...y the time your child is 6, he ...ould be eating neatly with fork ...nd spoon. Correct him quietly ...ut persistently if he backslides. ...on't let him make a noise when ...e chews, or scrape his fork or ...oon across his plate. Don't let ...im leave the table until everyone ...as finished.

If you like to sit around the table ...nd talk after the meal is finished, ...llow the children to say, "Ex-...use me, please," and leave.

"*Never say, 'I don't like that!'*" From the beginning, teach your child to like what's on his plate. Teach him to say, "I'll have just a little, please," if he doesn't recognize what's served him. And then, after trying it, he may leave some if he doesn't like it. Now and then have a restaurant date with your children to make them familiar with eating out.

"*Don't repeat what you hear at home.*" Teach Guy and Gretchen that it's a breach of family loyalty to repeat what they hear at home. And teach them not to be gossips!

"*Invite your friends to come over.*" In grade school little girls begin to be clannish and snippy. See that some of Gretchen's friends are from outside of her circle and see that she is loyal to them.

Teen-age Tom and Trudy

"*Keep your word!*" Teach Tom from his first date that his word is good as gold. If a girl's mother asks him to bring the girl home by 12, it's up to him to be there on the stroke of midnight. If he makes a date with a girl, he must keep it unless he's sick. If your daughter has said yes to one date and another she likes better comes along, make her keep her first promise no matter how hard.

"*Be prompt.*" If Trudy promises to be home at a certain time, see that she makes it a point of honor to come at that time. If she's to meet someone at an appointed time, she must be there.

"*Table manners are easy.*" When your Tom takes a girl out to dinner for the first time, review him on knives, forks, and spoons—begin from the outside and work in. Be sure you have told him that *he* gives the order to the waiter for the young lady and himself.

After the girl has looked over the menu for a minute, Tom should say, "The baked fish looks nice. . ." or whatever fits the price he wants to pay. Then he mentions a few other items, making suggestions within his price range, without saying a word, of course, about money.

"*Take special notice of older people.*" Teach your Tom or Trudy to speak the older person's name in greeting. For example, "Good morning, Mrs. Jones."

"*Notice each one.*" When Trudy or Tom says hello to several guests, teach them to call each one by name. In telling them good-bye, say, "Good-bye, Nancy. Good-bye, Mrs. Hatch, Mr. Hatch. Good-bye, Jack."

"*Be careful of a loose tongue and a loose pen.*" Teach Tom and Trudy to keep a tight hold on the loose pen and the loose tongue. It's easy to say you love someone under the influence of the moon or a song or the fact that you're lonesome. Don't.

"*Never forget yourself.*" Good manners are based on the old rule: "Think of other people. Never *forget* yourself."

For Trudy especially

"*The guest comes first.*" If your daughter invites a friend to spend the night, have her see beforehand that there is a clean towel ready and clean sheets on her bed. And



and get what you've always wanted in table fashion ... style and quality ... to meet your fondest dreams ... fashioned with all the skill of the age-old art of silversmithing . . . to live . . . and to serve graciously through all of your years.

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Good manners

Continued from preceding page

when the visit is over, the extra work is Trudy's, not yours.

"*The guest who gets a second invitation.*" When Trudy is invited away for a visit, see that she goes with clean clothes, with a small gift for her hostess, and with these rules for behavior: Fit into the family routine. Don't ask for special favors. Keep your clothes picked up, your bed made. Offer to help with the dishes and in other ways that are apparent. And when you return home write your hostess a sincere "thank you" note within three days.

For Tom especially

"*A gentlemen never needs to splurge.*" If Tom has little money to spend on girls, or even if he has a lot, teach him that money is not all-important. A gentleman never throws his weight around in cash. If he has little money, he faces the fact honestly and makes no bones about it. Tell him that when a teen-age gentleman leaves a tip on a dinner table, it's never more than the customary 10 percent.

"*A girl judges you by the way you treat her mother and father.*" Of course, Tom is no apple polisher, but he does want to make the best possible impression on a girl's mother and father. Remind him now and then of these rules: Always stand when a lady is standing. Say "Sir" to an older man.

"*Never ask a girl for a date more than three days ahead of time—unless it's for a prom.*" Teen-age love is a very up-and-down affair as you know. When Tom makes a date too far in advance, he finds sometimes it's hard to keep, especially if he has become tired of the girl in the meantime. But he will have to keep his word.

"*See that you make the dates.*" Explain to Tom that when a girl talks about wanting to go someplace where he definitely doesn't want to go, he should keep quiet. She'll like him even better for not letting her use him. Then, soon after, he should invite her someplace he'd like to take her.

Favorite recipes

Begins on page 170

onion, bay leaves, and seasonings. Simmer 2 hours; stir occasionally to keep from sticking. Add carrots and onions. Continue cooking 20 to 30 minutes or until vegetables are done. (Cubed potatoes may be added, if desired.) Remove meat and vegetables; thicken liquid for gravy. Serves 6 to 8.

Jellied Ham Loaf

Wonderful any time of the year. The type of main dish that's ideal for buffet-style company dinners—

- 1 smoked picnic ham
- 1 tablespoon horse-radish
- 1 tablespoon prepared mustard
- 2 tablespoons (2 envelopes) unflavored gelatine
- ½ cup cold water
- 3 cups hot stock
- 3 bouillon cubes



Frost at night . . . warm sun at noon—that's ideal weather for a good crop of Vermont maple syrup and sugar.

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Vermont Maid
Syrup



Simmer meat in hot water hours; put through food chopper measure 5 cups ham. Add horse radish and mustard. Soften gelatin in cold water; dissolve in hc stock; add bouillon cubes. Ad meat mixture; chill until firm i 5- by 10-inch oiled loaf pan. Un mold and slice. Serves 8 to 1(Serve with Potato Salad Cups.

Potato Salad Cups

The dressing is both French and may onnaise. That accounts for its goo flavor—

- 6 potatoes, cooked in jackets (4 cups cubed)
- 1 onion, chopped
- 3 hard-cooked eggs, sliced
- 1 cup chopped celery
- 1 cucumber, diced
- 1½ teaspoons salt
- ¼ teaspoon paprika
- ¼ cup French dressing
- Mayonnaise

Combine ingredients excep dressing; chill and marinate i French dressing 4 to 6 hours. Jus before serving, add mayonnaisc and mix carefully. If desired, add teaspoon celery seed or 1 cu grated carrot. Serves 8. Pack i custard cups and unmold on let tuce. Garnish platter with Devile Eggs and tomato wedges.

Veal Birds

Roll-ups of veal steak and stuffing an simmered to fork-tenderness and rich savory flavor—

Cut 1½ pounds veal steak in 3 by 5-inch pieces. Spread with Savory Stuffing. Roll; fasten with toothpicks. Wrap with bacon slice, if desired. Brown in hot fat; add small amount hot water; cover tightly and cook slowly 1½ hours. Makes 6 birds.

Savory Stuffing

- 3 cups toasted bread cubes
- 2 tablespoons minced parsley
- 2 tablespoons chopped onion
- 2 tablespoons chopped celery
- ½ teaspoon salt
- ¼ teaspoon pepper
- ¾ teaspoon sage
- ¼ cup milk
- 1 beaten egg
- ¼ cup stock

Combine bread cubes, parsley, onion, celery, and seasonings. Add milk, egg, and stock; chill 1 hour to blend flavors. Stuffing for 5 to 6 veal birds.

Spring Vegetable Platter

There's a lemon-butter sauce for it—

- 1 pound green beans
- 4 medium-sized carrots, cut in strips
- 2 pounds fresh or 1 box frozen spinach
- 1 hard-cooked egg, sliced
- ¼ cup butter
- 2 tablespoons lemon juice

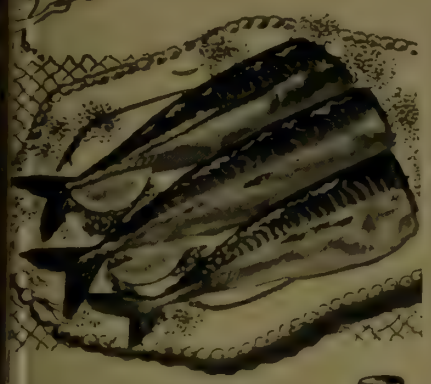
Cook green beans in boiling, salted water about 30 minutes. Cook carrots in boiling, salted water about 15 minutes. Wash spinach thoroughly; cook without water 8 to 10 minutes; turn frequently. Arrange spinach on platter; garnish with hard-cooked egg. Arrange drained beans and carrots. Pour over sauce of melted butter and lemon juice. Serves 6.

Deviled Eggs

Halve hard-cooked eggs lengthwise; remove yolks and mash with desired combination of seasonings. Refill egg whites. For 6 eggs use 2 tablespoons mayonnaise, 1 teaspoon vinegar, ½ teaspoon salt,

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dash of pepper, ¼ teaspoon paprika, and ½ teaspoon dry mustard or 1 teaspoon prepared mustard.

Chicken Salad Supreme

Toasted almonds, chopped green and ripe olives, and pickle added to cool chunks of chicken. It's supreme, all right—

- 2 cups cubed, cooked chicken
- 2 tablespoons chopped green olives
- ¾ cup chopped celery
- ½ cup toasted almonds
- 2 tablespoons chopped ripe olives
- 2 tablespoons chopped mixed pickle
- 2 hard-cooked eggs, sliced
- ¾ cup mayonnaise

Combine ingredients; toss lightly. Serve on lettuce. Serves 6. Double recipe to fill greased 10-inch ring mold used for salad shown on page 62. Fill center with broken lettuce, tomato wedges, ripe olives. Garnish with water cress. Pass Tomato French Dressing.

Tomato French Dressing

Combine ingredients in a bottle, shake the bottle—the dressing's made—

- 1 tablespoon sugar
- 1 teaspoon salt
- 1 teaspoon dry mustard
- 1 teaspoon paprika
- 1 10½- or 11-ounce can condensed tomato soup
- 1 cup vinegar
- 1 tablespoon Worcestershire sauce
- 1 cup salad oil
- 1 clove garlic, grated
- 1 small onion, grated

Combine ingredients in bottle or jar; cover and shake thoroughly. Makes 1 quart.

Fruit Salad Plate

No complicated mixing. Simply a pretty arrangement of fruits—

Arrange slices of canned pineapple on lettuce. Add a spoonful of cottage cheese to each and top with a peach half, rounded side up. Around each slice of pineapple alternate slices of red apple and grapefruit sections. See picture, page 62. Serve with Honey Dressing.

Honey Dressing

No cooking. Just beat ingredients together thoroughly. Delicious on fruit salad—

- ⅔ cup sugar
- 1 teaspoon dry mustard
- 1 teaspoon paprika
- ¼ teaspoon salt
- 1 teaspoon celery seed
- ⅓ cup strained honey
- 5 tablespoons vinegar
- 1 tablespoon lemon juice
- 1 teaspoon grated onion
- 1 cup salad oil

Mix dry ingredients; add honey, vinegar, lemon juice, and onion. Pour oil into mixture very slowly, beating constantly with rotary or electric beater. Makes 2 cups.

Divinity Puffs

So light and creamy they go "poof" in your mouth—

- 2½ cups sugar
- ½ cup light corn syrup
- ½ cup water
- 2 stiff-beaten egg whites
- ½ teaspoon vanilla
- ½ cup chopped, green, or red candied cherries

Cook sugar, corn syrup, and water to thin-syrup stage. Slowly pour one-third over egg whites, beating constantly. Cook remaining syrup to thread stage (234°); add one-half to egg-white mixture,

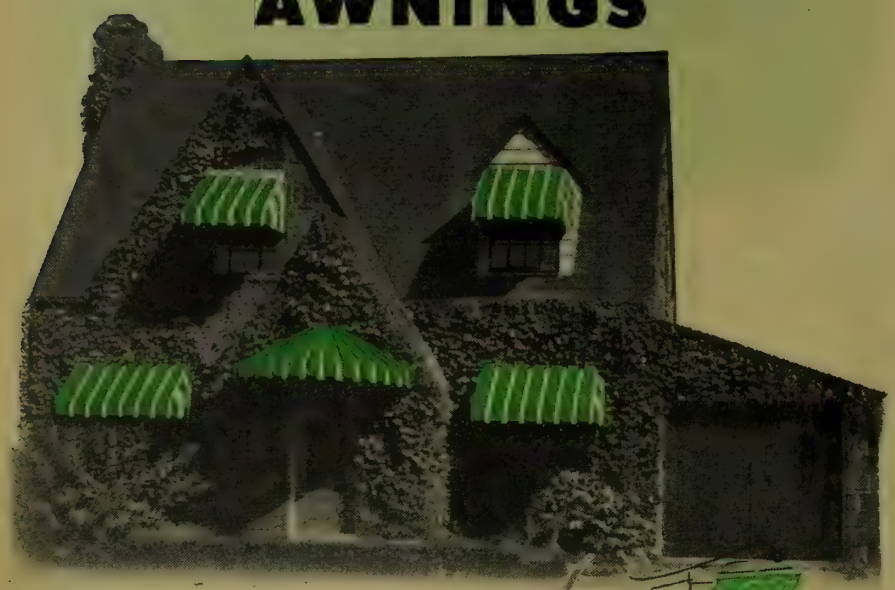


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Favorite recipes

Continued from preceding page

beating constantly. Cook remaining syrup to firm-ball stage (248°); add to egg-white mixture. Add vanilla. Beat until mixture holds shape when dropped from a spoon. Swirl from teaspoon onto waxed paper; sprinkle with chopped cherries. Makes 4 dozen.

Oatmeal Crispies

These are crunchy, easy-to-make refrigerator cookies—

- 1 cup shortening
- 1 cup brown sugar
- 1 cup granulated sugar
- 2 well-beaten eggs
- 1 teaspoon vanilla
- 1½ cups enriched flour
- 1 teaspoon salt
- 1 teaspoon soda
- 3 cups quick-cooking oats
- ½ cup chopped California walnut meats

Thoroughly cream shortening and sugars; add eggs and vanilla; beat well. Add sifted dry ingredients. Add oatmeal and nuts; mix well. Shape in rolls; wrap in waxed paper and chill thoroughly or overnight. Slice ¼ inch thick; top with walnut half. Bake on ungreased cooky sheet in moderate oven (350°) 10 minutes. Makes 5 dozen cookies.

Regal Chocolate Sauce

The kind that makes such super fudge sundaes—

- ½ cup light corn syrup
- 1 cup sugar
- 1 cup water
- 3 1-ounce squares unsweetened chocolate
- 1 teaspoon vanilla
- 1 cup evaporated milk

Combine corn syrup, sugar, and water; cook to soft-ball stage (236°). Remove from heat; add chocolate squares and stir until chocolate melts. Add vanilla. Slowly add evaporated milk; mix thoroughly. Cool. This should be heated over hot water for hot fudge sundaes. Makes 3½ cups sauce. Serve over vanilla ice cream.

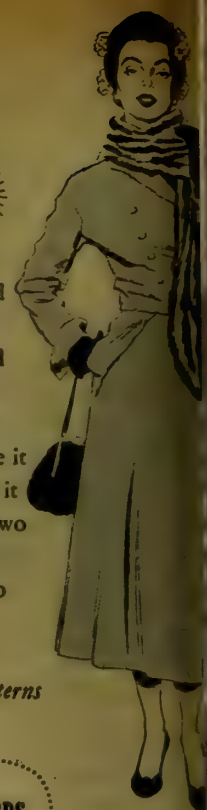
Citrus Chiffon Pie

High, fluffy chiffon pie—with fresh orange and lemon juice and peel—spread with cool whipped cream—

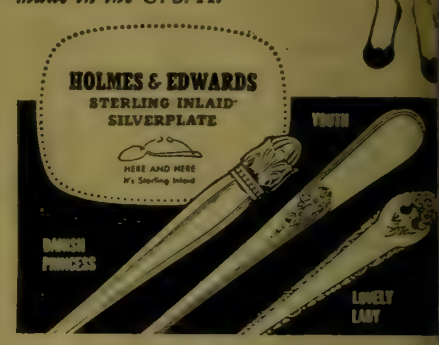
- ⅓ cup sugar
- ⅓ cup lemon and orange juice (equal parts)
- Dash of salt
- 3 egg yolks
- 2 teaspoons unflavored gelatine
- ¼ cup cold water
- ½ teaspoon grated lemon peel
- ½ teaspoon grated orange peel
- ¼ cup sugar
- 3 stiff-beaten egg whites
- 1 9-inch baked pastry shell
- ¾ cup heavy cream whipped

Combine ⅓ cup sugar and fruit juices. Add salt to egg yolks and beat until thick. Add fruit-juice mixture; beat well. Cook in double boiler until mixture coats spoon. Remove from heat; add gelatine softened in cold water; stir until gelatine dissolves. Add grated peels. Chill until partially set. Slowly beat remaining ¼ cup sugar into egg whites. Fold into custard and pour into cooled baked shell. Chill until set. Spread with whipped cream; sprinkle with additional ½ teaspoon grated orange peel.

The latest fashion — these



These are two blocks of sterling silver inlaid at back of bowls and handles of most used spoons and forks of Holmes and Edwards silverplate. They make it finer, different... keep it lovelier longer. Fifty-two piece service for eight $68.50 with chest, also 76-piece service for twelve at $99.95. (No Federal Tax.) *All patterns made in the U. S. A.*



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Didn't Have To Say It

Little Helen was returning from her first lunch at a friend's home. Anxious to know if she had maintained the family dignity, her mother questioned her concerning her behavior.

"I hope that you remembered to say 'No, thank you' and 'Yes, please,' " said the careful parent.

"I said 'Yes, please.' But I never had to say 'No, thank you.' "

"Why not?" demanded her mother.

"Because what they gave us was good old hot Grape-Nuts Wheat-Meal, and that's my very favorite cereal."

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Johnstons paid attention to details





Mrs. Johnston spends much of her time along this informal path through iris and columbine. Note how well house is screened from view from all directions—by small windows on the street side, by foliage at sides, by slope at rear

Because the house rests on a slope (high above Puget Sound), Johnstons could excavate under new bedroom for combination storage and garden room (lower right). Chimney for bedroom fireplace exactly balances original chimney



Windows lend charm

This bay replaces a side window to bring light into the original bedroom. Smaller window beyond bay was moved over five feet where it now lights the new bath. Note that bay window does not break clean sweep of eave line

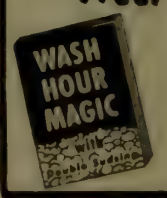
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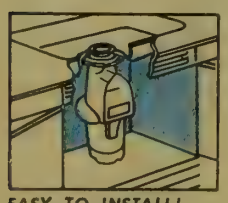
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Outdoors is built onto house



New porch is awning-covered and shaded throughout the day. Its main entrance is off the added bedroom, but it also has a door direct from the living room. Low rock wall follows curving contours of the slope



Only change at the service end of the house was a two-foot enlargement of the eating space and new corner windows at the rear (right). The combination of clapboards and boards and battens is finished in a brown, driftwood stain with white trim. Shingles and gutters are wood



Terrace is shaded during the early part of the day, gets full benefit of afternoon sun and a comfortable westerly breeze. Boards below window are flush so they won't streak from dust which rain washes off windows. Mrs. Johnston is looking at the view out over Puget Sound

...ntinued from page 257

...nterior reflects planned growth



...ving-room fireplace has marble face, bamboo trim. Grill which once ...oncealed a circulating heater is now a decorative opening between ...ing room and bedroom hall. Wall is pine finished to match bamboo



...inette was enlarged two feet to allow for door into former west bed...oom, now dining room. Flat arch separates kitchen from dinette, lets ...n west light to supplement small windows on street. Johnstons pre...erred to extend wing rather than to lose cupboard space to new door

Home furnishings answers

Q. *Our terrace is screened, roofed, furnished, and ready to serve as an outdoor living room, but the entrance to the terrace is through a disappointingly dull back hall. What can I do to brighten this plain, narrow entry? Mrs. C. G. L., Kalamazoo, Michigan.*

A. Wallpaper is the best brightener and enlarger for you. Put a molding 30 inches above the baseboard and paint the wall below it. Then paper the ceiling and the walls above this dado with a gay printed paper. You may also paper three walls and the ceiling, and mirror one side to reflect the opposite wall—thus adding width to the hall.

Q. *How can I get additional storage space without having to build in cupboards? Mrs. R. W. B., Albuquerque, New Mexico.*

A. Choose a matching set of cupboards, chests, and shelves—they come in a variety of styles and finishes—and assemble them in one unit in otherwise wasted space. You can change the arrangement by just switching pieces.



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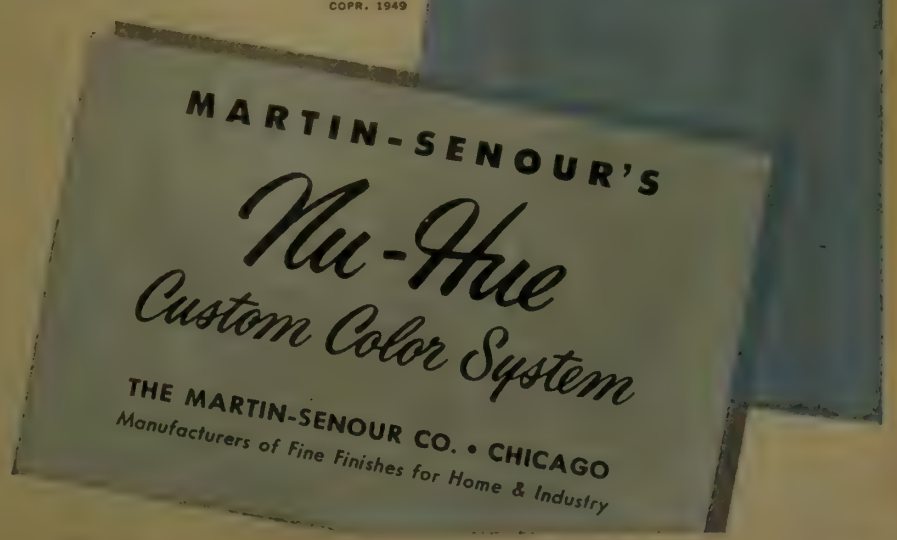
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Are you really a good listener?

By Marjorie Holmes

YEARS ago, to be a lively conversationalist was considered the key to social success. Later Dale Carnegie reminded us that it was even more important to be a good listener. After the publication of *How to Win Friends and Influence People*, it was amusing to watch former conversation monopolizers struggling to practice this alien art. By now nearly everyone assumes he's a good listener, without pausing to consider that there are fine points to the art of listening. Test yourself against the following situations, to discover just *how* good a listener you are. You may be surprised!

1. Someone has concluded a remark which does not particularly interest you. Do you—

a. Smile and say nothing?
b. Speak of some other subject?
c. Walk off?
d. Make some comment, if only, "Well—" or "I quite agree."

2. You have nothing else pressing to do, but you *are* bored by the long drawn-out story that is being told. Do you—

a. Find something to divert your attention, such as leafing through a magazine, until it's over?
b. Listen with apparent animation, smiling and nodding encouragement?
c. Break in when you can, and change the subject?
d. Invent some excuse for escape—such as the telephone, or a headache?

3. You are entertaining your child's teacher for the first time—or perhaps a new neighbor. The guest is quiet and self-conscious. Do you put him or her at ease by:

a. Talking about yourself or your family's activities?
b. Asking his views on politics, literature, or other general subjects?
c. Risk the possible dull shop talk by drawing him out about his work?

4. The person who is talking stops and gropes helplessly for a certain word. Do you—

a. Promptly furnish it for him?
b. Smile encouragingly and wait until he thinks of it?
c. Wait until you're sure he'd welcome help, then apologize and offer some suggestions?

5. A friend of yours is one of those rambling conversationalists who starts a good story, but follows half a dozen byways before getting back to it. Do you—

a. Sigh and exchange glances with your spouse?
b. Force your mind to tag cheerfully

[Turn to page 263



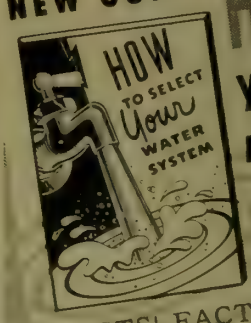
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our dog and mine



It's not fair to a dog to expose him to the whims of a youngster under 4

By Russell K. Lowry

How old should a child be before ening a dog?—G. M. C., Minneota.

A youngster should be at least years old before getting a dog. this age, a boy or girl is able to ntrol a puppy and avoid injury. young, lively puppy can harm small child, in innocent play. And nior can give the pup a bad ne, too.

My neighbor's dog barks incesntly. Can he be cured? Does this ean he is dangerous to children?—M. J. F., Pennsylvania.

The dog's master should correct spanking and scolding, using a ded newspaper and a firm "No-No!" Trick is to do this right in the idst of the barking, so that the nishment is associated with the arking in the dog's mind. Excesive barking is caused by boredom, esire for attention, passing strangrs, or other dogs. It is not necesarily an indication of viciousness.

Is there any cure for mange? My dog gets it every spring and nothing e've tried seems to help.—A. J. F., Kentucky.

Your dog has periodic or "summer" eczema, not mange. Underfed your dog by a good 25 percent and be firm about it. Feed 50 percent beef, horse meat, or canned dog food; 50 percent dog meal or kibbled dog biscuit. Mix and moisten with warm water or meat broth, adding one-half teaspoon of one of the vitamin and mineral supplements now on the market. Do not bathe your dog at all, but comb and brush him regularly. Get him outdoors all you can. The ailment is stubborn, but this treatment gets results.

My female dog's urine has ruined sections of my bentgrass lawn. What can I do about it?—Mrs. P. J. J., Illinois.

High acidity of many females' urine will burn spots in grass, leaving bare patches 8 to 10 inches in diameter. Only solution is to teach your dog to perform on a leash in a selected location, or confine her in a fenced enclosure.

My blonde cocker sheds terribly and has an odor which penetrates to every corner of the house. She is bathed often, even has deodorant powder used on her. What else can I do?—Mrs. E. T., Iowa.

Excessive bathing is most of your trouble. Just brush and comb your dog regularly. Feed 50 percent beef, horse meat, or canned dog

---

▶ Have you a problem in dog feeding, care, training, disease prevention? Address your questions to Russell K. Lowry, "Your Dog and Mine" Editor. *Better Homes & Gardens*, Des Moines 3, Iowa. Enclose a stamped, addressed envelope.

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Your dog and mine

Continued from preceding page

food, 50 percent dog meal or kibbled dog biscuit. Mix and add meat broth. Also add ½ teaspoon of a vitamin and mineral supplement and ½ teaspoon of cod-liver oil. Give all the outdoor exercise you can. If you do these things, you won't notice any "doggy" odor.

Our dog has apparently been treated brutally by his former master. He cowers and shies away at the least sign of firmness, though we've never raised a finger against him. How can we bring back his spirit?—A. A. J., New York.

Win the dog's confidence by kindly treatment, lots of association with the family and good-natured play. Pat and praise him for any commendable conduct. He will regain spirit, but it takes time.

My "Smoky" keeps getting hookworms, though I have him wormed by a veterinarian every so often. What can I do to eliminate the worms for good?—G. E. W., Wisconsin.

Even when you get rid of hookworms, your dog can get them again if he runs around on infested ground. Hookworm eggs are eliminated in the feces, later hatch into larvae which find their way back into the dog by being picked up on the feet. Breeders and dog owners in the South sometimes have a hard time dealing with hookworm-infested soil because prolonged hot weather is ideal for propagation. They move kennels or quarters to a new location—or move family and dogs to another neighborhood. Sterilize hookworm-infested soil with strong salt brine, stirring common salt into boiling water, 1½ pounds to a gallon of water. Saturate soil's surface, using a pint to each square foot of ground. Intervals of treatment depend on amount and frequency of rainfall. Dog should be wormed at time of soil treatment.

Should I have my dog inoculated against distemper every year?—Mrs. J. P. M., Missouri.

Twice is plenty—once during puppyhood and again a year later. Greatest period of susceptibility is between 5 and 15 months, especially during teething. Dogs of 3 years or more are practically immune from distemper, though cases in older animals have been noted.

A Swiss inventor named Hans Laube has perfected a mechanism which has been nicknamed "smell-evision." If the process is ever adopted for general use, suitable odors will be released to accompany various scenes in motion pictures or television performances.

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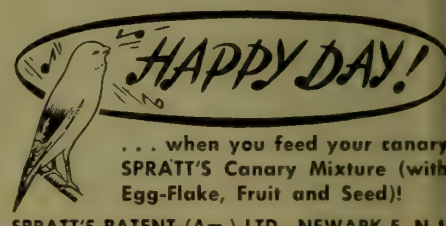
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Good listener?

Begins on page 260

along, in the hope he'll eventually return to the original?

c. Deftly attempt to steer him to home base by an eager question now and then, such as—"Yes, but what happened to the fish?" or "I can't wait to hear what Mary said when you told her what was up—"

6. A guest begins to discuss something on which you happen to be better informed than he. Do you—

a. Announce your personal knowledge or experience in the subject and take over?

b. Say nothing of your own qualifications, but correct him on certain points as he is speaking?

c. Listen with interest, and make some comment to show that interest when he has finished, but fail to mention that you know even more about it?

d. Listen patiently; then smile and remark, "Yes, I know, I did research in that field myself for years."

7. You are with a group of people on whom you'd like to make an impression. A friend has the center of the floor, and all sorts of puns on his remarks keep occuring to you. Do you—

a. Resist the temptation to come out with them?

b. Demonstrate your wit and amuse the others by making them?

c. Whisper them to the person beside you?

8. A long-winded neighbor stops you on the back step, at a time when you have half a dozen things to do. Do you—

a. Secretly pray he'll go away and, listen politely?

b. Explain that you're awfully busy and just haven't time to visit this morning?

c. Slam the door in his face, since he's a bother, anyway?

d. Listen interestedly for a few minutes, then interrupt with, "I'm so sorry, Joe, but I'm awfully rushed. Will you excuse me this time and come over soon again?"

Here are your answers. Give yourself 12 points each time you can honestly take credit for a correct one. Ten, for the second choice. A score of 96 rates you not only a superb listener but a good psychologist. Ninety would be good. But if you score below 85—well, you're not as slick a listener as you may have thought.

1. (d). Definitely! More people are guilty of this subtle form of rudeness than they realize. But if you discover you're one of them, do hasten to make amends. It's such a *squelched* feeling, to have spoken and only be ignored.

2. (b). And try to be charitable about it. Remember, you may sometimes talk far too long without being aware of it, yourself.

3. (c). Shop talk isn't always dull. And to the person who's discussing his own work, it's invariably fascinating. (b) is a good second choice. Not safe and specific like

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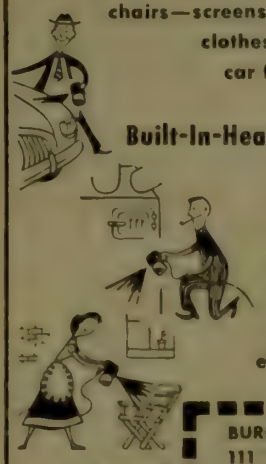
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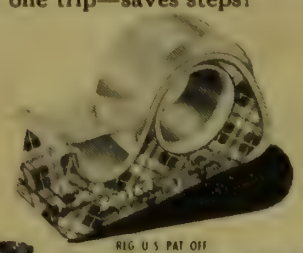
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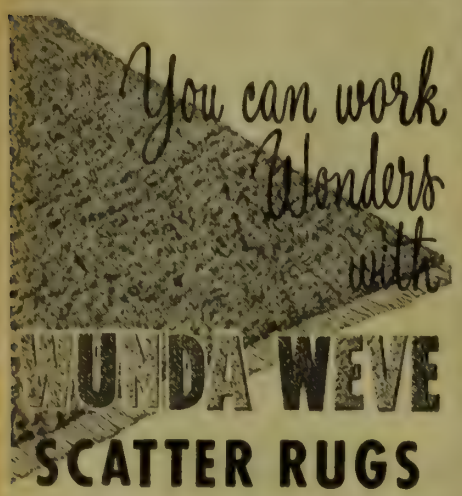
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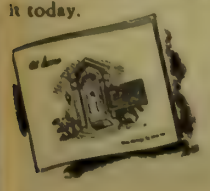


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Good listener?

Continued from preceding page

a person's professional interests, but good.

4. (c) or (b). It's painful to watch anyone floundering for the word that's right there on tap for you. But it's downright discourteous to toss it glibly to him, unless he asks.

5. (c) or (b). In this case, an interruption, if tactfully spirited enough, will please the storyteller. People like to feel their listeners relish the tale enough to want to hear its outcome.

6. (c). You have to be both generous and possessed of will power not to steal a little thunder in situations like this, but you'll feel better for keeping mum. And you never gain, even in prestige, by deflating another.

7. (a). By precisely the same reasoning.

8. (d) or (b). Being a good listener should never supercede more vital matters. But if you master back-door technique you can take honors at both!

Where to get it

Most items shown in this issue should be available in your local stores. If, however, they are not, for your store's convenience in ordering, we list the names of the companies making the items.

Dogs, kids, husbands—a house they can't hurt

Page 37. All furniture: Consider H. Willett, Inc., Louisville.

Basic plastics: American Cyanamid Co.—Melmac; Bakelite Corp.—Vinylite; B. F. Goodrich—Koroseal; Dow Chemical Co.—Styron—Saran; E. I. DuPont de Nemours and Co., Inc.—Nylon; Firestone Tire and Rubber Co.—Velon; Formica Insulation Co.—Laminated Plastics; Monsanto Chemical Co.—Lustrex; National Carbon Co.—Krene; Owens Corning—Fiberglas; U. S. Rubber Co.—Naugahyde.

Page 38. Living room. Draperies and sofa cover: Everglaze chintz "Garden Walk" by Cyrus Clark Co., Inc., New York City.

Green chair covers and valances: Duran No. 115 Green by Masland Duraleather Co., Philadelphia.

Yellow chair cover: Duran No. 117 Yellow by Masland Duraleather Co., Philadelphia.

Candy-stripe rocker cover: Koroseal No. 711 "Candy Stripe" by Comprehensive Fabrics, Inc., New York City.

Lamps with white Polyplastex shades: Brach Allen, Chicago.

Carpet: Adoraweave by Adamo Co., Los Angeles.

Curtains: White nylon Ninon by Stanlee Decoratives Corp., New York City.

Page 39. Dining room. Armchair covers: Vinylite "Diamond Tuft" No. 310 red by J. H. Thorpe Co., New York City.

Side-chair covers: Vinylite "Diamond Tuft" No. 310 red by J. H. Thorpe Co., New York City.

Carpet: Adoraweave by Adamo Co., Los Angeles.

Draperies: Krene "Green Taffeta" by National Carbon Co., Inc., New York City.

Wallpaper: "Wood Strawberries" No. 6539 by Varlar, Inc., Chicago.

Plastic dinnerware: Watertown Lifetime Ware of Melmac by Watertown Mfg. Co., Watertown, Connecticut.

Page 40. Boys' bedroom. Chair cover—black and red: Lumite Plaid No. 813 of Saran by Chicopee Manufacturing Co., New York City.

Cover on double deck bed: Duran No. 116 Brown by Masland Duraleather Co., Philadelphia.

Draperies: Duran No. 116 Brown by Masland Duraleather Co., Philadelphia.

Venetian blinds—ivory: Styron by Modern Products Inc., Fort Worth.

Bedspreads: Krene "Tic-tac-toe" by National Carbon Co., Inc., New York City.

Wallpaper: "The Ranch" No. 6529 and "Knotty Pine" No. 6538A by Varlar, Inc., Chicago.

Floor covering: Koroseal tile No. 4116 Tan by Sloane-Blabon Corp., New York City.



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Planning to change your address?

IF YOU are going to move, please let us know five weeks beforehand if possible. If you wait until later to notify us, some issues may miss you. And, unfortunately, copies are so scarce that back numbers cannot be duplicated.

Send your change of address to *Better Homes & Gardens*, Des Moines 3, Iowa, giving both your old and new addresses. Please furnish a clipping of the stenciled label from the back cover of one of your recent issues, or otherwise indicate exactly how your magazines have been addressed.

Page 41. Kitchen. Wallpaper: "Victoriana" No. 6547 and "Two-Tone-Tint-Blue" No. 6585 by Varlar, Inc., Chicago.
Floors: Flor-Ever by Delaware Products Co., Wilmington, Delaware.
Venetian blinds—ivory: Styron by Modern Products Co., Inc., Fort Worth.
Curtains—red coin-dot film: Thermoplastic Fabric Corp., New York City.
Stool covers—red: Naugahyde by U. S. Rubber Co., New York City.
Counter tops: Formica by Formica Insulation Co., Cincinnati.
Master bedroom. Draperies: Yellow Koroseal coated voile No. 601 by Comprehensive Fabrics, Inc., New York City.
Valance: Quilted Satintone "Sunniblue," by Cohn-Hall-Marx Co., New York City.
Cover. Hall. Wallpaper: "Leesburg" No. 6578 by Varlar, Inc., Chicago.
Rug: Corique by Nye-Waite Co., Auburn, New York.
Page 266. Kitchen. Bowl: Tupperware of Styron by Tupper Corp., Farnumsville, Massachusetts.
Page 267. Den. Walls: Formica Realwood by Formica Insulation Co.

These gadgets make food beautiful

Page 96. Dessert mold, copper fish mold: Hammacher Schlemmer, New York City.
Cooky cutters: Your housewares department.
Spring form cake pan: Hillware, your store, or Hammacher Schlemmer, New York City.
Plastic cutters: Cranberry Kitchen, Hanson, Massachusetts.
Frosting set: Hammacher Schlemmer, New York City.

How to use candles and flowers

Page 149. Single candle cup with epergnette and crystal epergnette, pineapple pattern: A. H. Heisey & Company, Newark, Ohio.
Wax Madonna head: Will & Baumer Candle Company, Syracuse, New York.
Three-candlestick holders: Viking Glass Company, New Martinsville, West Virginia.
Flower and candle bowls: Dick Knox Productions, 678 South LaFayette Park Place, Los Angeles.
Tapers: Emery Candle Company, Cincinnati, and Will & Baumer Candle Company, Syracuse, New York.

Smart dishes for soup

Page 186. Upper. Dishes: Frankoma Potteries, Inc., Sapulpa, Oklahoma.
"Morning Star" pattern silver: Oneida Ltd., Oneida, New York.
Ladle: House of Portugal, 417 Sutter Street, San Francisco, California.
Basket: Laugbein Giftwares, 161 Willoughby Street, Brooklyn, New York.
Lower. Dishes: Brandt Studios, 5th and Junipero, Carmel-by-the-Sea, California.
Reed & Barton "Pointed Antique" pattern silver: Joseph Jewelry Store, Des Moines, Iowa.
Napkin: Nannette Tebbals, 1355 Market Street, San Francisco, California.



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SAMPLES FOR TRIAL

Page 187. Upper. Soup tureen and soup bowls: The Little-Jones Company, 15 West 24th Street, New York City.
Salt and pepper: House of Portugal, 417 Sutter Street, San Francisco, California.
"Danish Princess" pattern silver: Plumb Jewelry Store, Des Moines, Iowa.
Lower. Corn dishes: Triangle Studios, 1110 South Chico Avenue, El Monte, California.
Basket: Langbein Giftwares, 161 Willoughby Street, Brooklyn, New York.
Page 189. Upper. Dishes: Chalice Studios, Los Angeles, California. "Grand Colonial" pattern silver: R. Wallace & Sons Manufacturing Company, Wallingford, Connecticut.
Napkin: Nannette Tebbals, 1355 Market Street, San Francisco, California.
Center. Jumbo cup and saucer: Walter Starnes, 527 West Seventh Street, Los Angeles, California.
"Madeira" pattern silver: Towle Manufacturing Company, Newburyport, Massachusetts.
Vegetable salt and pepper: Nessa Gauloise, 723 Lincoln Road, Miami Beach, Florida.
Basket: Langbein Giftwares, 161 Willoughby Street, Brooklyn, New York.
Lower. "Heath" dinnerware: N. S. Gustin Company, 712 South Olive Street, Los Angeles 14, California.
"Empress" pattern Dirilyte: Plumb Jewelry Store, Des Moines, Iowa.

Furniture news—smoker's table

Page 207. Smoker's table: Hekman Furniture Company, Grand Rapids, Michigan.

Washington, D. C.

Continued from page 215

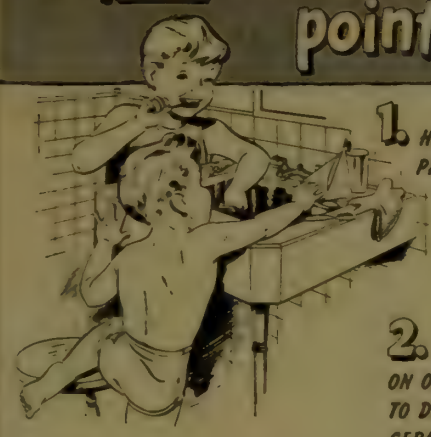
home again, will see Washington in flashbacks: The glowing rose window of the Washington Cathedral, and the spicy smells of the Bishop's Garden just outside . . . the marble waterfall in Meridian Park, astonishing duplicate of the one in the royal gardens at Caserta, Italy . . . the impressive homes on Embassy Row, and the Victorian homes of the "Cliff Dwellers," the original Washingtonians . . . the traffic wheeling around Dupont Circle, the fashionable center of the city.

Or the memory may be a phrase from John Wilkes Booth's diary: "After being hunted like a dog through swamps and woods, and last night being chased by gunboats until I was forced to return, wet, cold, and starving, with every man's hand against me, I am here . . . and why? For doing what Brutus was honored for . . . and yet, for striking down a greater tyrant than they ever knew, I am looked upon as a common cutthroat."

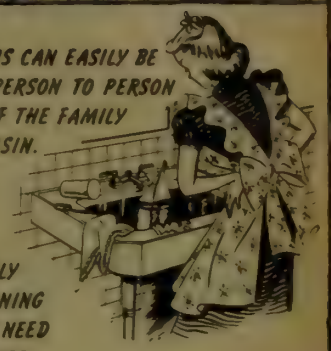
IT MAY be that someone's recollection will return to the long, flowing curves of the Mount Vernon Memorial Highway, with the pillars of Washington's home and the ivy of his mausoleum at the end of the trip . . . to the gleaming marble of the Tomb of the Unknown Soldier, where sentries pace ceaselessly, 24 hours a day . . . to the cobblestones of Georgetown . . . to the microscopes and fingerprints of the F.B.I. . . . to the glowing paintings in the National Gallery of Arts, or the tropical patio of the Pan-American Union.

For Washington is all things to all Americans—past, present, and future: a national capital, a place of pilgrimage, a place to remember. It is, in one, a shrine and a vacation center. It is a place to visit reverently, and to remember always.

Is your wash basin a "transfer point" for germs?

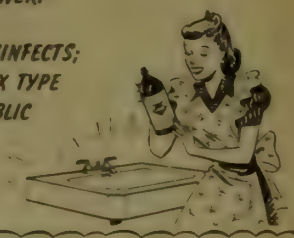


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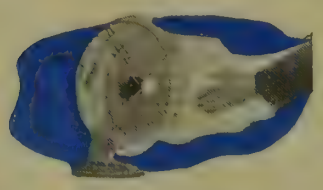
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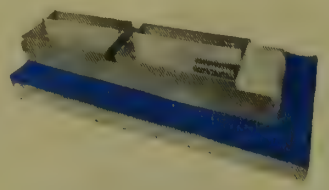
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Plastic kitchen stays fresh

THE counter surface here, called a laminated plastic, is often used now for counter and table tops in cafes because it needs no upkeep and comes clean and dry and polished with one swipe of a cloth. Alcohol, fruit acids, ammonia, insect sprays, and household cleaners don't stain it, but strong bleaching solutions will.

People who watch demonstrators show the stainproof qualities of plastics often show disbelief. "You have something besides water on that cloth," they charge. One plastics man tells that a little old lady challenged him when he was splashing a tablecloth with ink and wiping it clean with a sponge. So he wet his finger with his tongue and wiped the ink up to prove his point. Whereupon the woman demanded, "Young man, let me smell your breath."

Most of the materials we've shown are what's called "moderate in price," which means you wish you could find something



This flooring keeps its shine but needs no waxing and is nonskid. I costs about $2.50 a square yard. The blinds, made of very thin plastic strips, have no finish to peel, can be bent into a loop without cracking. And simply by unfastening the tilt cord you can slip them out of the ladder tape and dunk them in the bathtub for a thorough scrubbing



Some plastic wares are good, some bad; some set up standards peculiarly their own. The frosty bowl at lower right comes from a line of dishware that won't stand cigarettes or boiling water but won't break either. The bowl can be squeezed to form a pouring spout, has a cap which makes it airtight. Wives find that dish-wiping husbands can damage it only by persistent chewing. Bowl costs 35 cents, lid 20; plates cost 40

Begins on page 37

cheaper but probably can't. The kitchen curtains are about $1.35 a yard; the Venetian shades about $1 a square foot; the leatherlike upholstery in the living room and on the kitchen stools about a third as much as leather (about $30 for enough to cover a big wing chair like the green ones in the living room).

The rugs

But there's one price that makes you jump: the nylon rug in the hall on the cover costs some $55 a yard. It's a magnificently lush thing, and, if you've got that kind of money, worth it. The pile is an inch thick; you almost have to have snowshoes on to get through it. The manufacturer weaves the carpet to your individual order, any color you want, and preshrinks it to exact dimensions. You get a parchment certificate bearing your name as owner and signed by the company president (larger than any you can get by sending in box tops) which entitles you to return the carpet to the company for its first shampooing. On the basis of wear tests, the manufacturer believes the carpet will wear longer than forever. The United States Testing Company, one of those laboratories with machines to wear things out scientifically, ran tests on it, and though the conventional carpet used as a control was worn out after 75,000 revolutions, the nylon one was still going strong after 300,000, and the testing company wired the manufacturer that there was great need for the machine and would he just as soon discontinue the test so they could get on with their other work.

The living- and dining-room carpets shown are of synthetic yarn, too, but the price is $12.50, about that of good wool carpet. The yarn is a viscose rayon similar to that used in automobile tires. As in tires, it wears extremely well. The manufacturer is still experimenting with hard and soft yarns and doesn't know yet which he'll settle on. "The hardest wear best," he told us, "but the softest make up into a carpet that makes you want to take your shoes off and walk on it in your bare feet." We took our shoes off to try it, and our feet liked it fine. Like nylon, the rayon filaments are smooth, have no scales or corky fibers like wool or cotton, and are less inclined to hold dirt. But ink and grape juice and other stains don't wipe off either the nylon or rayon rugs as they do off the plasticised wallpaper. You mustn't expect it. These carpets are not an impervious sheet like the paper; they're made up of thousands of filaments like a wool carpet, and they definitely



Paneling in the den is laminated plastic like the kitchen counters. The top layer here is a veneer of real wood protected under a tough, clear layer of plastic. Although it's an expensive finish, it requires no upkeep, never needs refinishing, takes abuse like the kitchen counter



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FRESH FROZEN FOODS PROVIDE BETTER DIET—BETTER HEALTH.

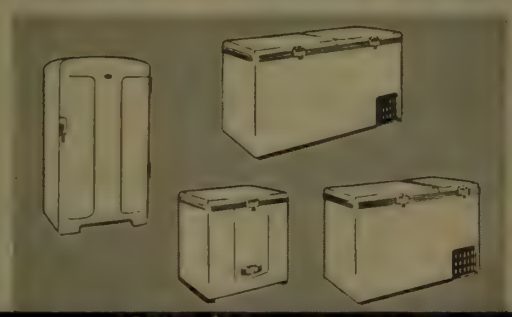


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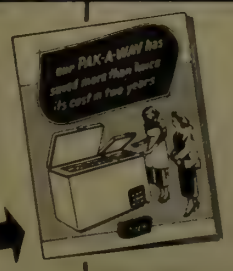
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24 pages, illustrating actual pottery settings. Enclose 10c with your request and mail to ROSEVILLE POTTERY, INC., Dept. B-39, ZANESVILLE, OHIO.



A house a husband can't hurt

Continued from preceding page

will stain if they are abused. The manufacturer plans to open his own dye plant so he can give you any special color you want, at about 10 percent extra cost.

The lamp shades

If you've wondered about the lamp shades, all the white ones in the living room and hall are of plastic reinforced with spun-glass fibers. They wash easily in soap and water, and the manufacturer says they'll outlast any decorative scheme you put them into.

The glass fibers in the plastic bounce the light around as it comes through, so that the shade gives a soft, diffused light and has a frosted, mint-julep look. The plastic comes in a variety of colors. Some stores sell it in sheets so that you can make up your own shades. Already made-up shades cost all the way from 89 cents for little ones in chain stores up to $30 for big ones involving a lot of hand work. One caution: a shade is only as washable as the binding used in putting it together, so don't get one bound with silk and think it dunkable.

You could use most household cleaners on these shades and on a lot of the other plastics too, but manufacturers are wary of mentioning it. They don't trust you. Confides one: "Household cleaning solvents could be used, even gasoline, but these are not recommended openly, not because they would hurt the fabric but because of carelessness on the part of the user." Don't use abrasive cleaners on plastics either, nor bleaching solutions. And don't write on them with ball-point pens. The ink is an aniline dye and won't come off the way most inks will. To polish plastic dishes, if they're scratched and you feel you must, use toothpaste or a paste-type silver polish and rinse in warm, sudsy water. If you must iron a plastic, don't iron on the plastic itself; the iron may go right through. Use a damp cloth between the iron and plastic, as if you were pressing, and keep the iron's thermostat set as low as it'll go, for rayon. Cigarette burns on plastic floor tile will cause a temporary blemish, but you can rub it out with steel wool.

The wallpaper

Of all the plastics shown, the wallpaper probably takes the most abuse. Some patterns are quaint, some tapestrylike, but the colors are bold and fresh, and soap and water alone will remove most all stains. Sometimes you have to follow your suds with a light wiping with turpentine. We've smeared and splashed dozens of gooks on the paper to test it, and every one has washed off. You don't have to worry about rubbing through the surface; in laboratory tests the paper has withstood 25,000 consecutive rubs on the same spot. The paper comes 24 inches wide and in rolls 50 feet long. Prices range from 10 to 17½ cents a square foot, depending on the pattern. For close to two years now the covering has been used in the Kenosha (Wisconsin) General Hospital—in corridors, steam rooms, bathrooms and in entrance halls where carts



Leather and leatherlike upholstery usually have been limited to private clubs and men-of-distinction ads. But here you see that its plushy Union Club look isn't markedly foreign even to ivy and chintz at home

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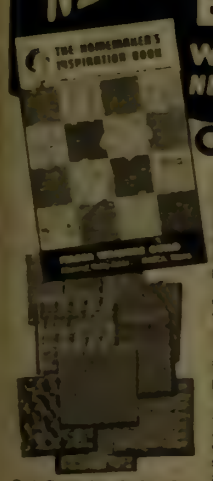
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and wheelchairs bump it. After a year of tests, the covering was used throughout the new wing built last July. In the old sterilizing rooms it was necessary to replaster the wall behind the sterilizers every three months. Now the upkeep has been cut down to a mere washing with soap and water when the walls become dirty.

RECENTLY an executive of the wallpaper company was at a party and found his hostess had used the plasticised paper because she liked the pattern but that she didn't know much about what it would do. So pretending hilarity the executive scribbled over the wall with lipstick, followed with pen and pencil, and added jam and bacon grease from the refrigerator. ("The look on my hostess' face when she saw it was one I shan't forget!") It looked like a joke out of hand. An embarrassed, sobering silence settled. "What have I done?" the guy cried. And then he got up and washed it all off. The whole stunt was such a success that now the hostess has made it one of her party tricks.

If you'd like to see firsthand some of these rooms furnished with plastics by Horne's, some have been reproduced by the following department stores:

Atlanta, Georgia—Rich's
Cincinnati, Ohio—The John Shillito Company
Cleveland, Ohio—The Higbee Company
Columbus, Ohio—The F. & R. Lazarus & Co.
Houston, Texas—Foley's
Miami, Florida—Burdines Inc.
Minneapolis, Minnesota—The Dayton Company
New York City—Bloomingdale's
Pittsburgh, Pennsylvania—Joseph Horne Company
San Francisco, California—The Emporium
St. Louis, Missouri—Stix, Baer & Fuller.

What's unusual about your home?

WHAT have you done in your home to solve the problems your fellow readers are encountering, such as storage space, room for the extra guest, making rooms serve more than one purpose? Maybe you've found a good way to build on an unusual lot, to curb noise from a busy street, to make efficiency take the place of a large floor area, or achieve privacy without sacrificing sunlight.

Share your ideas! Write Building Editor, *Better Homes & Gardens*, Meredith Building, Des Moines 3, Iowa, about *your* good idea. Editorial rates will be paid for articles accepted. And don't forget to include photographs or a floor plan.

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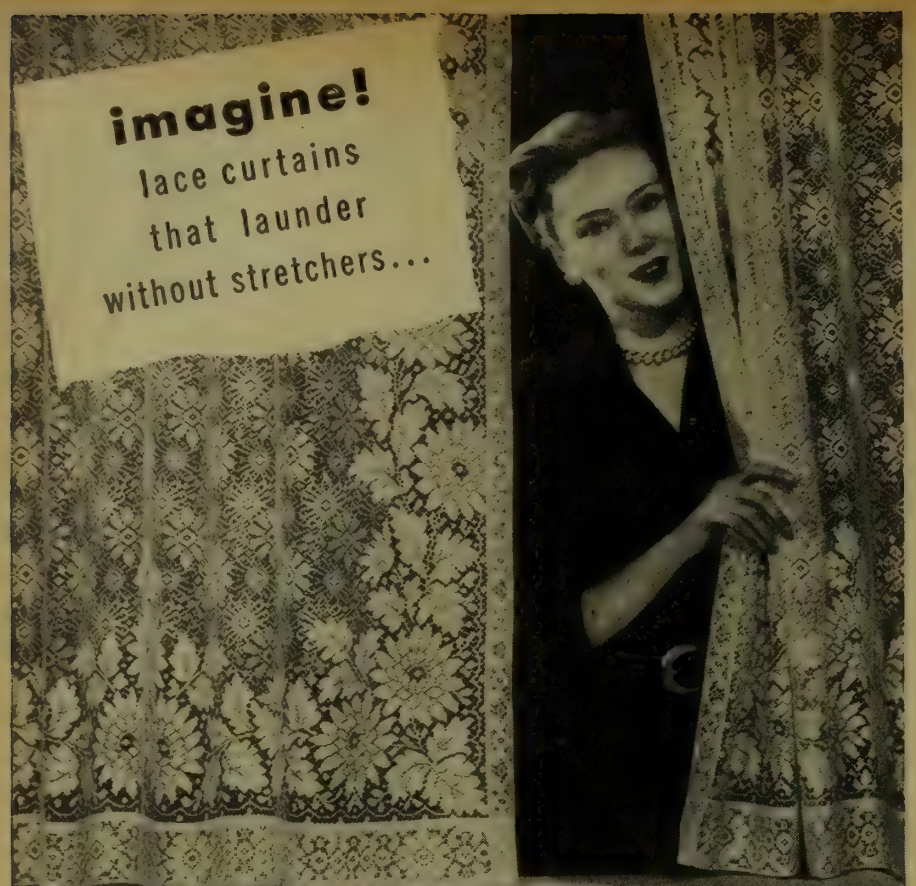
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Handy addition to the bathroom, where minimum drying space is a "must," is a small *Clothes Dryer and Towel Rack.* You can make it yourself, with an Easi-bild pattern. Just trace, cut, and assemble. Tape the wooden rods to make a snag-free surface for drying your nylons. Pattern 3.429 is only 20 cents.

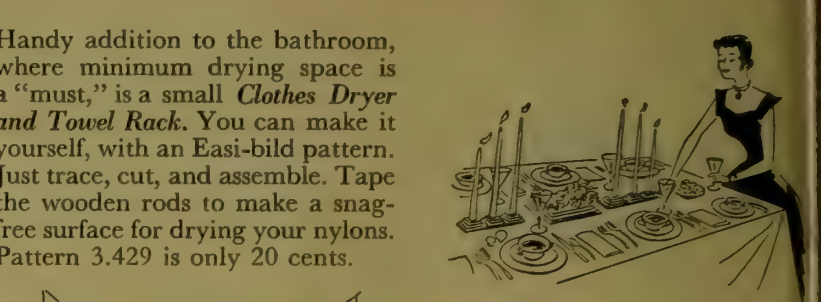
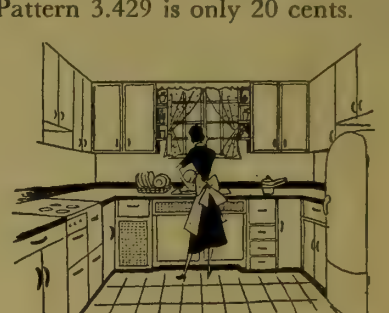


Table Settings and Accessori

When it is attractively and co rectly dressed, your table brin grace and charm to the simple meal. *Better Homes & Garden Table Settings and Accessori* gives you the simple rules of tab arrangement. You'll find speci ideas for festive tables, plus newe information on table accessorie Price, 25 cents.



Kitchen Cabinets

Modernize your kitchen by adding to your counter and storage space. Pattern 3.4201 for Easi-bild *Kitchen Cabinets* gives you all the information you need to build wall or base cabinets and broom closet. Complete directions for measuring your kitchen and building any size cabinet are included. Pattern is $1.

Pattern 3.441 for an *Under-Sink Enclosure* will show you how to enclose unsightly kitchen drain-pipes, and add additional storage. The pattern is 50 cents. Easy-to-follow method of construction permits building and fitting the enclosure to any size sink.

The larger kitchen will gain efficiency with the addition of a *Storage and Serving Counter.* An island unit, it serves as a partition between work areas and dining area. Shelves and drawers can be opened from either the kitchen or dining side. Pattern 3.480 is 60 cents.



So Good Luncheons

Here are menu ideas, special recipes—economical and easy to make—to serve the bridge club. The *Better Homes & Gardens* booklet, *So Good Luncheons,* includes many seasonal menus to fit party themes. Price, 25 cents.

It's free—write for "B-J-6," a complete listing of all *Better Homes & Gardens Extra Helps.*

Give your garden a better start th year. *Better Homes & Gardens'* ne *Gardening Guide* gives comple and authoritative information t help you grow more beautiful flow ers, tastier foods. Hundreds photographs show you how. Th 1949 *Gardening Guide* is $1.



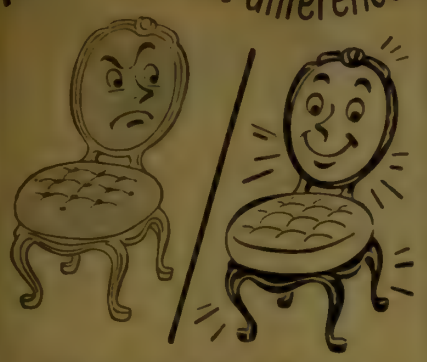
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Dress up your windows, and yo perk up your entire home. You magic cards are frothy curtains smartly tailored draperies, ruffle and valances. Your only limit your imagination—and you'll fin scores of ideas in *Better Homes & Gardens'* booklet, *Well-Dressed Win dows.* Also, all the informatio you need to make your own. Th booklet is 25 cents.

Charming treatment for a kitche window is a *Decorative Flowerpo Holder* for your favorite plants. Th simple pattern, No. 3.407, is onl 15 cents.

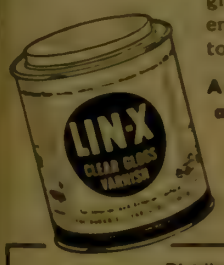
For wide windows, order Patter 3.401—and frame your view wit *Wide Window Valance and Sid Shelves.* Colorful, and easy t make. Pattern, 25 cents.

Outside, build a simple *Window Bo* for bright bloom. Pattern 3.41 fits any window. 25 cents.



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Five Star home

Begins on page 44

now. You can readily convert the rear bedroom on the first floor into a den or sewing room.

Though a rectangle is the least expensive shape for a house, it is often the least attractive. Breaking the kitchen beyond the rectangle and tacking on the garage give these houses a sense of breadth and size. Exterior materials—limestone for the walls, concrete block in the garage, and broad clapboards for gables—accentuate these dimensions.

In Five Star Home 1903A, for instance, the two-story end of the house faces the street to give the house bulk, and the garage and kitchen extend to one side to add breadth. In Five Star Home 1903B the feeling of size is given by adding an 8-foot porch and the garage to the long dimension of the house.

You may have heard that basementless houses are cold. Some are; but they needn't be. In these homes, the heating system is planned so that your floor is always dry and warm. Warm air circulates through the rooms, is taken back to the furnace through cold-air returns under the concrete slab floor.

THE stores listed below operate permanent Home Planning Centers, featuring the *Better Homes & Gardens* Five Star Plan Service. At each store you can obtain advice and assistance, without cost, in planning, building, furnishing and equipping your new home, or remodeling your present home. You are cordially invited to take advantage of this complete Home Planning Service. Visit the Home Planning Center near you today.

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Albany—W. M. Whitney & Co.
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Minneapolis—L. S. Donaldson Co.
Muncie—Ball Stores
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Oakland—Breuner's
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[*Turn to next page*





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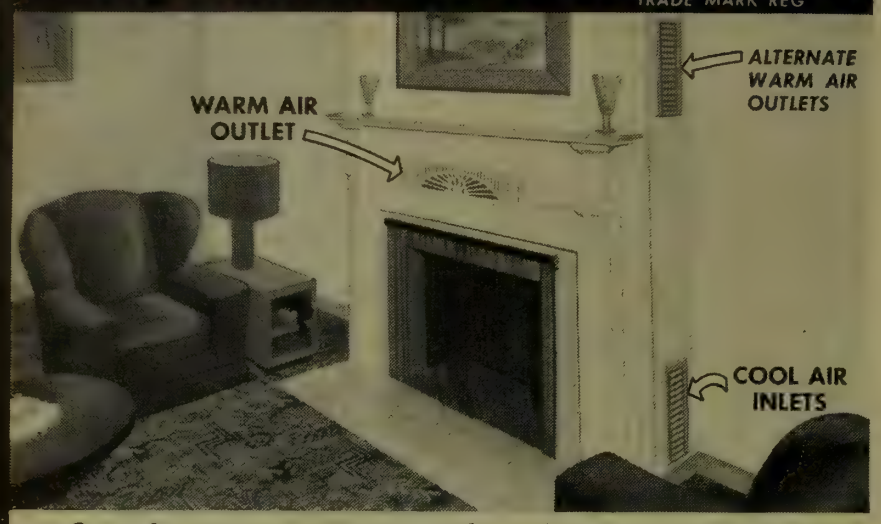
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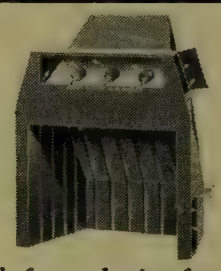
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Plans and Home Plan Book

Better Homes & Gardens Five Star Homes 1903A-1903B, in this issue, are two of the series of one- to four-bedroom homes which make up the Five Star Home Plan Service. These homes, designed by America's foremost architects, range in style from Cape Cod to Contemporary, Traditional to Ranch-type. These are homes planned to give you maximum comfort, convenience, and beauty—at minimum building cost. *Better Homes & Gardens* Five Star service includes:

- ★ Designs by skilled architects
- ★ Detailed working drawings
- ★ Cost-finding materials lists
- ★ Complete specifications
- ★ Contractor-owner agreements

Working Drawings are detailed architect's drawings, from which your builder or contractor will build your home. They are complete in every way. Cost is $5 per set. Included with each set of working drawings are: 1) specification form outlining the quality of materials and workmanship you'll want in order to insure sound construction; 2) contractor-owner agreement form—a suggested legal contract to assure your home will be built as specified.

Lists of Materials—priced at 10 cents—are available separately for each Five Star home. With this list, your architect, building materials dealer, or builder can compute in advance the building cost of your home in your community.

These complete home-planning aids may be purchased at firms listed above or ordered direct from *Better Homes & Gardens*, Des Moines 3, Iowa.

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Shield your boy or girl from sorrow?

Continued from page 129

first encounter with real grief. The way he withstands the shock gives some indication of how he will bear up under a more major tragedy.

It's good to prepare your child for the loss of a pet while it's still well and a beloved companion. Tell him that animals age more rapidly than people, are susceptible to diseases that doctors can't always cure, and that they are apt to get run over or hurt in some way. Explain that it's natural for a pet to want freedom, even to wander away. If it dies, stress the joy and satisfaction it must have had in helping your child grow up. And as soon as you can, get another pet.

The grief of parting is most acute when a child has grown up with his pet. When a friend of mine had to have an old wire-haired terrier put away, she prepared her daughter this way: "Ruffy is going to a home for old dogs. He will have a jolly time with all the other old dogs, plenty to eat, freedom to run without danger, and the constant care of a dog doctor." The tears soon vanished.

Scandal. Because it comes usually like a bolt out of the blue, few people ever think about preparing their children for scandal.

The natural thing, but the very worst, is to criticize the offender, whether he or she is a member of the family or a close friend. Such talk makes reconciliation at a later date that much harder for the child.

A breakdown in morals should be treated as an illness. Assure the youngster that there is no more need to be ashamed than if the person concerned had a broken arm. Actually, you can explain, this is a dislocation, too, but of another kind. Advise pity and mercy. This will do much to counteract the bitterness, pain, and grief to which our children are often innocently subjected.

Inform them also that this is a test of right attitudes, of true friendship, and noble character. Comfort them with the knowledge that their genuine playmates will prove more loyal than ever.

Divorce. Divorce in the immediate family invariably affects a child. The tension produced is the most abrasive of all divorce effects, even though it is hard to measure and is cleverly concealed by some children.

Fourteen-year-old Don took his parents' separation very casually, even joked about reporting to "two headquarters from here on." "Don't worry about Don," his family remarked. "He is taking this thing in stride." How well in stride? Right now, he is a serious problem because of his defiant disregard for all authority.

Divorce is something that normally doesn't blow up all of a sudden. It is usually on the way for some time, and during that period there is a need for counseling to prevent strain. A child's grief over inability to change the situation, fear of insecurity, injury to pride, divided allegiance, and a feeling of having been let down provokes the sort of tension that hacks his emotions to pieces.

A child needs anchorage, whether he is 7 or 17. He needs to be assured devotion and material security. If anything, he needs more of it if his parents are having trouble. A child's pride can be preserved if Mom and Dad emphasize that their problem is not his fault and is beyond his control.

If one parent deserts or refuses to assume parental responsibility, fortify a child with the assurance that an aunt or an uncle or some friend will stand in for the defaulting parent. Take that person into your confidence first, then into that of your child.

Financial reverses. These have their effect on children, even though youngsters may be able to adjust more easily to them than adults. In times of inflation like the present, some mental preparation for the eventuality of a financial setback is advisable.

Some time ago a Princeton freshman received word that his father had been wiped out overnight. He was advised to come home when the term ended, three weeks from then. Shock, injured pride, despondency over the future, and broken morale might have made him give up and become a cynical, self-pitying drifter. Instead, he picked up enough jobs to get by, continued to maintain a high scholastic and athletic record.

His parents had known he would react just that way. They had stressed, as he was growing up, the thing every wise parent should recognize: That prosperity can never be assured. They had inspired courage in all of his little childhood disasters, taught that such personal assets as a capacity for friendship, industry, and the development of native ability would see him through.

But what if your child is oversensitive? More children are than is generally realized. But the problem can be resolved in the formative years a lot more easily than later. Unnecessary shielding will only make the conflict worse.

In place of delayed action and cover-up schemes, direct your child toward a happy acceptance of what life brings. You can do much to help convert sorrow and suffering into character.



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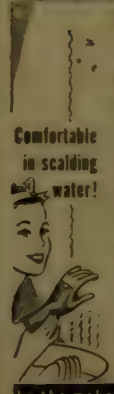
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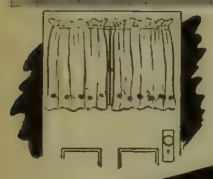
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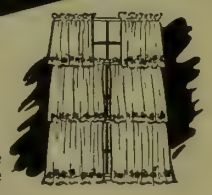




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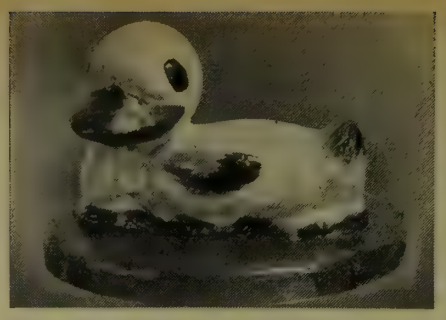
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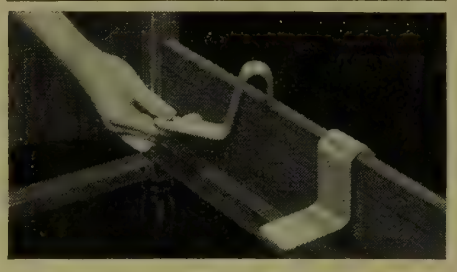
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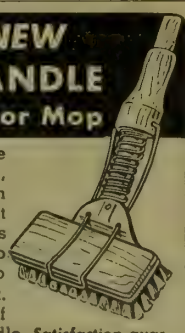
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Dispenser for bread slices keeps whole loaf fresh for days. The u wrapped loaf rests on a platfor which is rolled up on the roller to li each slice into reach. Sealed perfor tions at back allow you to ventila the otherwise airtight box as yo own climate indicates. Bottom of di penser removes for cleaning. *Bre Butler* is white plastic trimmed wi red; $2.95, ppd. Ward Phillips Co Box 3451, Merchandise Mart, Ch cago 54, Illinois.



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The winds of March seem especiall sent to sail kites through blue sprin skies. This box kite is prefabricate of wood frames grooved and labele for easy assembly, with cloth cover ing in combinations of red, gree blue, and orange. *Kro-Flies Kit* model No. 18 is 9"x9"x18", wit 25" wingspread, $2.50, ppd; mode No. 36 is 18"x18"x36", with 50 wingspread, $4.50. L. J. Dennire Keokuk, Iowa.



For folks who like to be creative with their hands, but need new ideas from time to time, there's a club that supplies you with a different surprise package each month. All materials and directions are included for making such things as costume jewelry, plastic items, copper plaques. Subscription is $1 a month or C.O.D. for as long as you wish. Fad-of-the-Month Club, 310 Liberty Bldg., Des Moines 9, Iowa.

"book" called *Better Fishing* will an just that to you; it's really a x. bound and titled like a book, ed with plush and containing fish- lures. Volume shown is *The -Caster* with 14 lures for the fly- angler; $5.75, ppd. Not shown *The Sportsman* with 5 lures for ger fish, $4.75; and *The Bait- ster* with 5 lures in that class, .25. Paul Bunyan Bait Co., 1307 enwood Ave., Minneapolis, Min- sota.





Holders for your mop and broom fasten to wall or closet door near the floor. You drop the end of the handle through the two holes in the holder, and mop or broom is balanced upright, just not touching the wall to soil it. Holder is 8" high, made of aluminum. *Mop & Broom Holder*, 3 for $1, ppd. Jiffy Gadgets Company, 2620 Idell Street, Los Angeles 31, California.

A lamp for living room or den is overed with saddle leather hand- arved in an intricate, yet rugged, sign. The column is 3½" square, " high, and rests on a plain leather ase, 6⅛" square. Bottom is leather- overed, too, to protect furniture. hipped without the shade, $17.50, pd. Walter F. Strasser, 426 E. Poppyfields Dr., Altadena, Cali- rnia.





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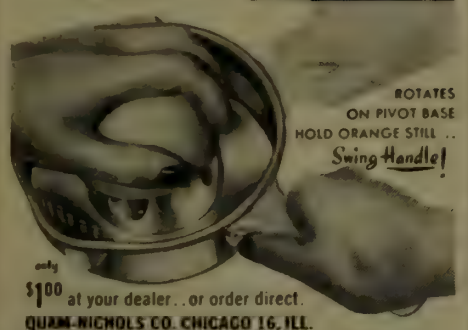
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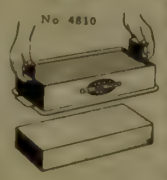
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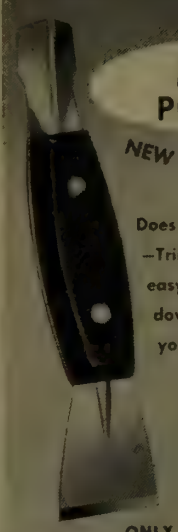
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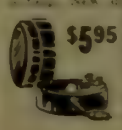
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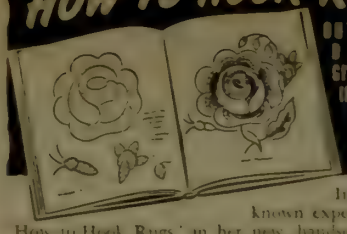
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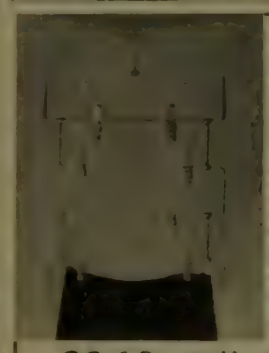
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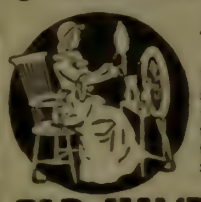


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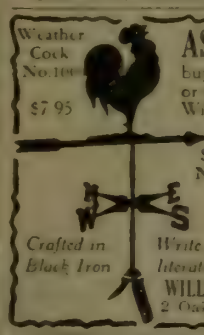


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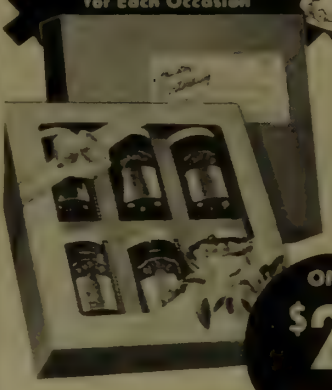
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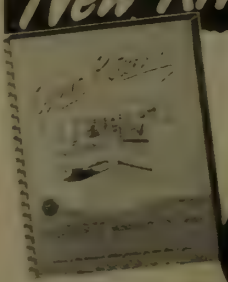
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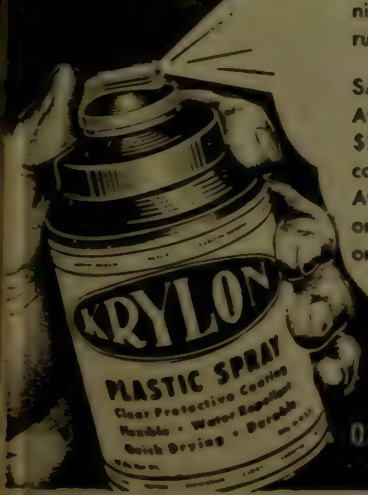
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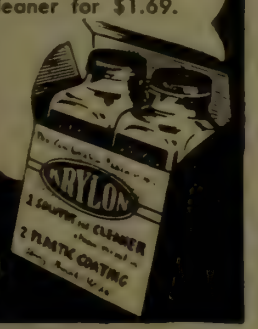
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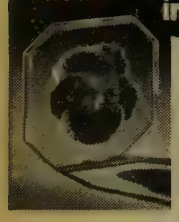
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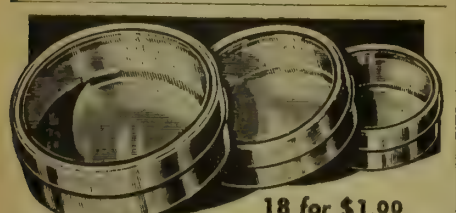
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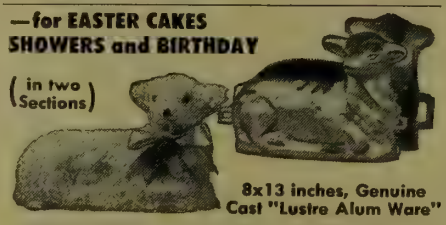
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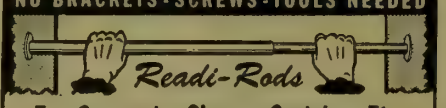
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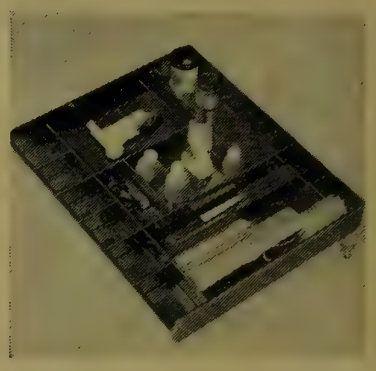
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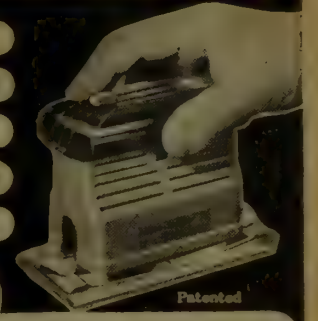
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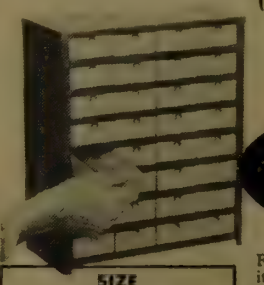
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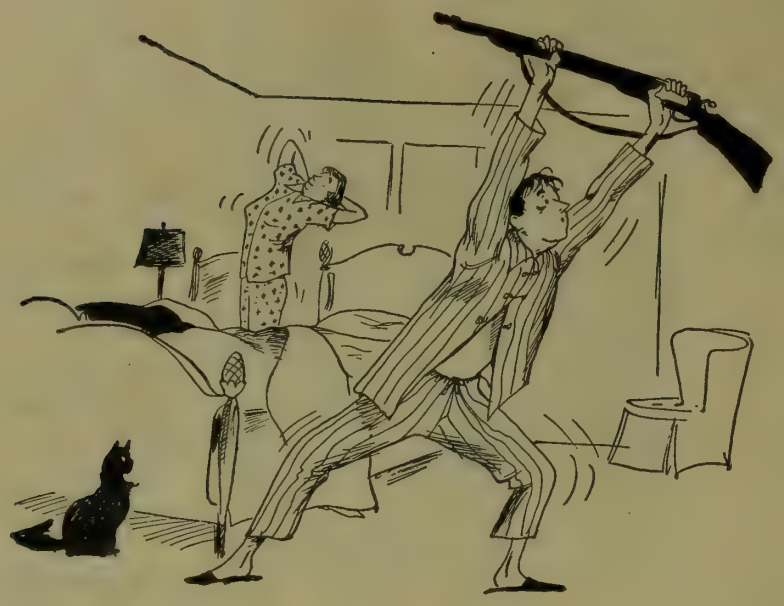
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THE MAN NEXT DOOR



Home life is an insidious force that in a few years can transform a grim paratrooper into a man who argues for hours about how long his daughter's bobbed hair should be.

+ + +

"I'd certainly like to run my carving knife through another roast turkey," muses Les Gowan, reminiscently, chipping the ice off the mailbox. "But we're all such slaves of tradition that I might be thought un-American if I didn't wait till next Thanksgiving."

+ + +

My neighbor who dwells in our neighborhood's first prefabricated house says his wife is a broad-minded woman. "She doesn't care how much I dance or flirt," he says, "with the homelier girls I knew before we were married."

+ + +

I've begun to give our 9-year-old some boxing lessons at home. It's a lot safer to coach *him* in the manly art of self-defense than to risk a brisk, uncertain session with the father of one of his playmates.

+ + +

After 19 years I've almost convinced my dream girl that I'd rather eat liver or meat loaf than expensive steaks. But she still orders a T-bone occasionally, probably just to impress the butcher.

+ + +

Recently I voiced skepticism about the depth of our 15-year-old's devotion to his dream girl. He merely reminded me how I had once bragged about the supreme passion I felt, in the seventh grade, for the preacher's snub-nosed daughter with the freckles.

⬆Well, I've finally rearranged the furniture in my bedroom to give me enough space for setting-up exercises with my old army rifle before breakfast. But somehow my wife can streamline her figure better on a spot the size of a dime.

+ + +

"If either of us were as much trouble as our new dog," reflects Phyllis Gowan, trying valiantly to deodorize the creature, "we'd probably end up in the divorce court."

+ + +

You hear a lot about child-spacing nowadays. One thing that might mean is an arrangement that has your youngest child reaching 15 just when your first grandchild is about 3. Millions can't buy the joy and pleasure a child provides free or almost free.

+ + +

Soon it'll be spring vacation, and maybe I'll catch a glimpse of our son and daughter in a week home from school. Especially if I remember to put the car in a downtown garage for repairs, disconnect the phone, and have the house quarantined.

+ + +

To my slight chagrin, Junior has gone out not only for football, but also for wrestling at school, instead of tennis and squash. Even after I warned him, "Son, after you graduate you can't telephone somebody at 5 o'clock and invite 'em to wrestle!"

+ + +

A genius admired by all the wives in the neighborhood ➡ is the handy-man-around-the-house who can install a new washer in a faucet with greater pride and gusto than his grandfather displayed in building a log cabin.

An average sleeper shifts his position 35 times every night, or about every 13 minutes. Maybe that accounts for the gradual decline of the double bed.

+ + +

Some of my neighbors are nervous about world government; they're afraid we Americans might have to build a new modern house for every family on earth.

I try to sooth 'em with a reminder that even our own people haven't budged our own government much on housing.

+ + +

After a glimpse of the campus trailer camps, the pretty coed in the next block wasn't quite so eager during the holidays to get married at the state university.

"I'm not the trailer type," she told her daddy, a big-hearted softy, half ready to subsidize the marriage.

+ + +

My well-to-do neighbor in the house unpainted since 1941 boasts that his son away at college has quit telegraphing or phoning collect for more money.

"I soon put a stop to that," he says, "when I began to subtract the collect calls and wires from his allowance."

+ + +

Don't throw away your marriage license: As long as it's more fun to bathe a baby than fill out your income-tax return. . . . While your own wife seems to remain forever the same age, though others grow older. . . . So long as sensible men yield to their wives in all the *little* arguments. . . . Until women stop telling their husbands they are smarter than the boss. . . . So long as the fireside glow can't be duplicated for under a million. . . . Until a genuine substitute is discovered to serve as a man's castle. . . . While it remains easier to love your own imps than somebody else's cherubs. . . . So long as the family home is the place where man's nerves unlax the quickest. . . . Until mankind learns to perpetuate the species some simpler way. . . . And until governments can devise a satisfactory substitute for family love and devotion.

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That the habit of creeping head first *down* tree trunks distinguishes the nuthatches while the brown creepers spiral up the trunk and then drop to the base to repeat the process?

That ravens pair for life and use the same nest site year after year?

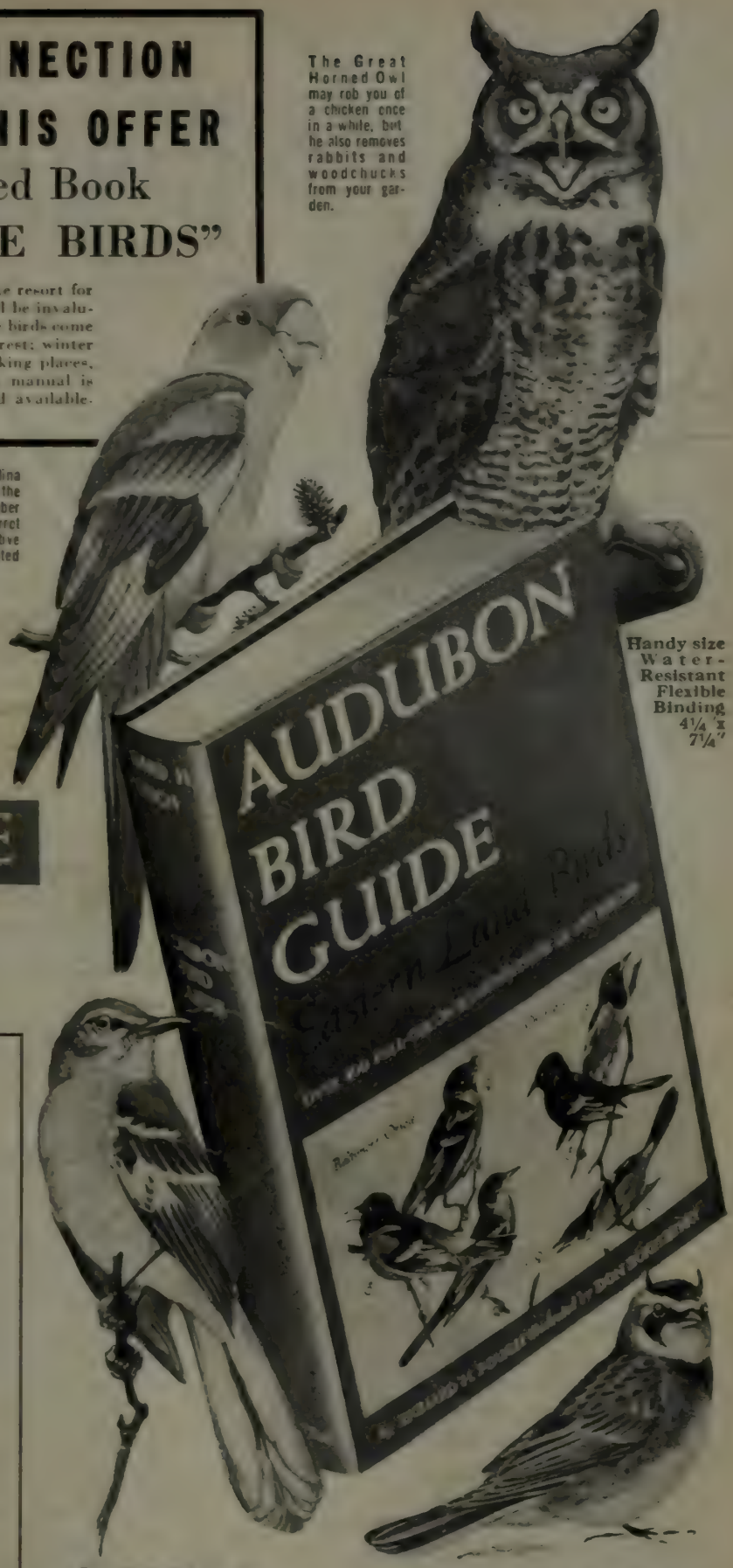
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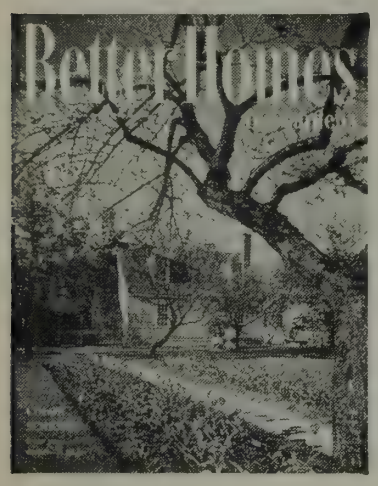
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Better Homes and Gardens

April, 1949

Volume 27, Number 8



Cover photograph by Richard Garrison. This is the Market Square Tavern garden in Colonial Williamsburg. For the story about Williamsburg gardens, see page 6.

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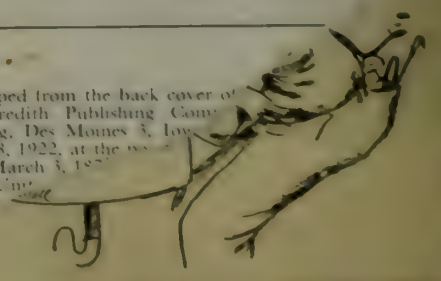
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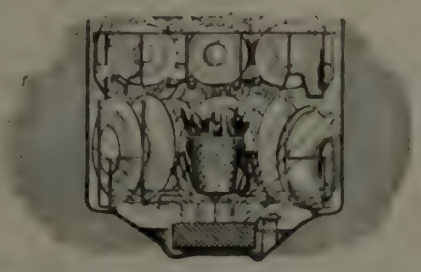
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Take-home ideas from historic Williamsburg gardens



See also the garden on cover



Photographs: Colonial Williamsburg; O'Halloran of Harris & Ewing

Colonial Williamsburg, as restored, is a flash back in good American living. Far better than the movies could do it for us in technicolor and sound, it revises all our thinking about what living was like for families of those days.

You find unexpected grandeur in the architecture, furniture, and fabrics—for Williamsburg was the cultural and political as well as economic capital of Virginia, most populous English-American colony, 250 years ago.

Beside the quaint shops and the small, snug houses with characteristic dormers, boxwood, flowering dogwoods, roses, and herbs make the gardens lovely again. It's a place you want to remember.

So, for souvenirs, what could we choose better than ideas to build into our own gardens?

A handsome trellis and arbor design. In this one every piece of wood counts, so much so that the roses and climbing honeysuckle are really extra trimmings. ***From the Bryan House garden***



Close-cropped vines like this trumpet-creeper take the forbidding look from street fences. Branches bloom heavily, and are easily lifted when you paint. ***The Wythe House***



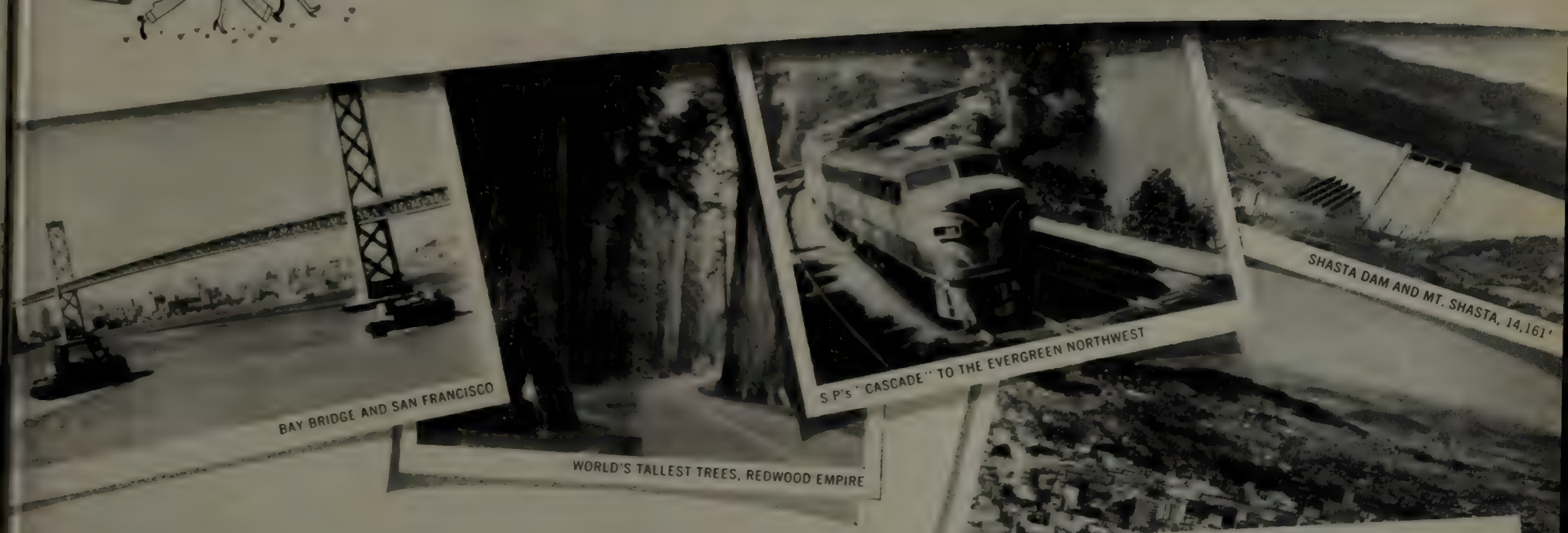
As practical as they are good-looking are vegetable rows like these bordering a lawn. Long rows make cultivating with your wheel hoe easy. ***The Nancy Camp House***

More on page 9



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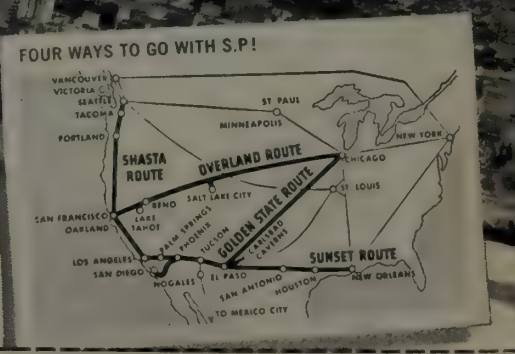
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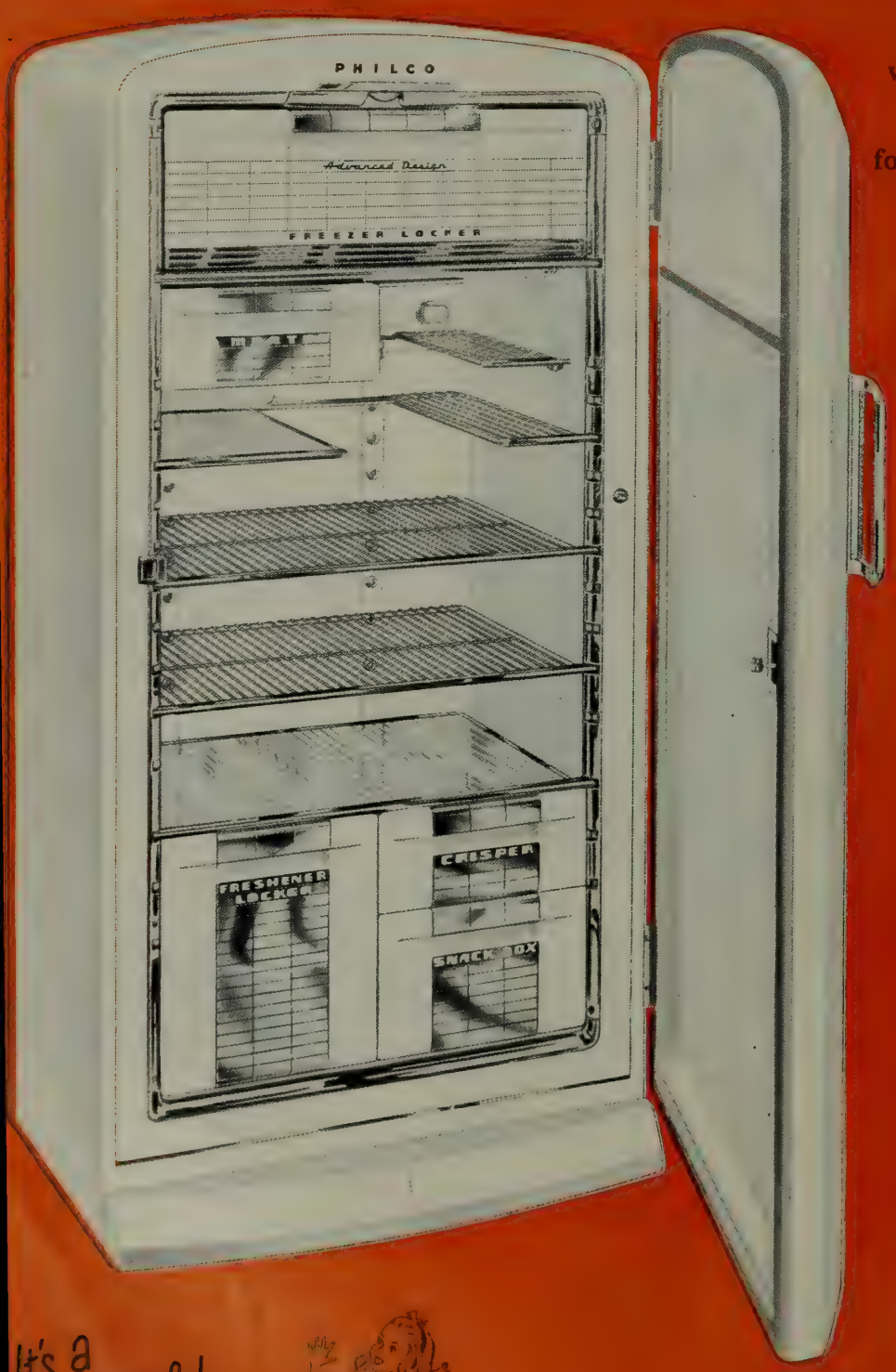
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Take-home ideas

Begins on page 6



Spring bulbs grow in beds under trees. Tulips look their best when massed for color and laced by slender shadows of tree branches. Beds have underplantings of saucy yellow pansies. ***Rear of Custis Tenement***



Good garden bench design teams sturdiness and comfort. Not difficult to copy. At end of bowling green at ***The Governor's Palace***



Simple but effective brick pattern for joining of garden paths. Wedge-shape fill-ins add roominess, take wear on short cuts. No difficult cutting of bricks is necessary to reproduce this design. Bricks lie, unmortared, on a bed of fine sand. ***The Ludwell - Paradise House***

More on page 300

Spring Garden



THE GLORIOUS NEW DESIGN IN SILVERPLATE BY HOLMES & EDWARDS

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HOW A MAN OR WOMAN CAN RETIRE AT 55 ON $200 A MONTH



"LIFE looks mighty good to me today. I'm driving to Florida, maybe Mexico. I'm free to do the things I've always dreamed of doing—golf, fish, laze around a beach somewhere. For, you see, I'm *retired* now—with a check for $200 a month, every month, as long as I live.

"Strangely, I owe my luck to the crash and the depression. When the bottom dropped out of the market, I still had a good job, but my savings were wiped out.

"Up till then, I'd looked forward to having enough to retire on some day. But in '29, I was forty. With almost half my working years gone, I would have to start over again.

"And suppose I *could* save enough, how would I invest it? I'd already learned how *little* I knew about stocks.

"About that time, Jim Fisher, who worked in our office, announced he was retiring. I told him how I envied him—and how hopeless it seemed for me to ever afford to retire.

"But Jim said something that surprised me. 'You know, you're luckier than I am. You can retire—easier than I did. You can plan *now* to get a guaranteed income, with no investment worries, when you're, say, 55. For men in their forties—or younger—there's a modern answer to the retirement problem. *You needn't be rich.* You needn't have a lot of money saved.'

"I asked him what the answer was. He said, 'It's called the Phoenix Mutual Retirement Income Plan. It's a way you can make part of your salary now buy you a retirement income later. There's only one secret—starting in your forties—or sooner!

"I jotted the name on my calendar pad, and, after Jim left, I wrote to Phoenix Mutual. Back came a booklet telling all about Retirement Income Plans. *This was the answer for me!*

"Not long after that, I qualified for a Phoenix Mutual Plan. And what a feeling of security it gave me. It guaranteed $200 a month, every month, starting in 15 years. Meanwhile, till I reached retirement age, it protected my family with life insurance.

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Aureomycin

it fights germs

By Lawrence Galton

Not just a hope for the future but available right now on your doctor's prescription, a powerful new drug promises to play a heroic role in the health of your family. Called aureomycin (aw-re-o-my-sin), it is one of the most versatile disease fighters yet discovered.

As this is written, the distinguished Dr. Perrin H. Long, of Johns Hopkins Medical School, the man who introduced sulfa drugs into this country, has announced: " 'Aureo' has filled in the gaps that penicillin did not hit. If we had never had penicillin, we would say that it is the most wonderful thing in the world."

Aureomycin is the first drug to knock out primary atypical—or, as it's commonly called, "virus"—pneumonia. It is the most effective weapon ever used against acute cases of undulant fever. It is potent against an entire group of diseases which previously resisted every chemical attack—dreaded, ailments such as typhus, Rocky Mountain spotted fever, Q fever, and Rickettsialpox. And preliminary reports on two cases at one famous medical clinic seem to indicate that aureomycin, given by mouth, may be effective in the early treatment of syphilis.

On top of all this, aureomycin has stepped in to work wonders for desperately ill people who couldn't tolerate penicillin, streptomycin or sulfa drugs. And it has proved effective against diseases which have developed resistance to them.

Right now, too, at least one project is getting under way to determine if aureomycin has any potential value against the common cold.

As if all this weren't enough, aureomycin doesn't have to be injected. It can be taken in capsules. Thus hospitalization frequently can be avoided or shortened.

If aureomycin did nothing more than attack "virus" pneumonia, it would be worth its weight in gold. Consider, for example, the woman with 104-degree temperature who was admitted to the Sinai Hospital in Baltimore not long ago.

Three days' treatment with massive doses of penicillin had not helped. No drug had ever cured this rarely fatal but costly, debilitating disease. If she had been stricken with "virus" pneumonia just a few months before, this woman could have looked forward to as much as a month of acute illness plus weeks, even months, of disability.

Yet, within 12 hours after she was given aureomycin, she improved markedly. Twelve hours later, her temperature was down to 99.8 degrees. She received aureomycin for three more days, four days later was discharged as well.

Two Johns Hopkins doctors reported on 15 severely ill patients ranging in age from 10 to 59. In

You can take this newest miracle drug by mouth—without shots and without bad reactions. It may speed your recovery and get you out of the hospital sooner. And it may open prospects for all-out war on viruses like colds and polio

penicillin won't

nine, temperature was normal within 24 hours; in two, within 48; in one, within three days. All got prompt relief from other symptoms; their lungs cleared rapidly.

No less dramatic and significant for every family is the effect of aureomycin on undulant fever. This is a most contagious disease that you get from infected cows, pigs, and goats through raw milk or raw-milk products and through fruits and vegetables contaminated by diseased animals. The fever comes and goes in waves, accompanied by headaches, aches and pains in back and bones, sleeplessness. Sometimes the long drawn-out disease is mistaken for malaria, tuberculosis, even nervous breakdown, and victims have been operated on for gall bladder trouble and appendicitis.

Until recently, the best treatment was a combination of streptomycin and sulfadiazine. Unfortunately, this doesn't always work. It requires long hospitalization and, in some victims, produces a severe reaction.

Aureomycin was tried at Johns Hopkins on a group of patients, including one who had not been cured by streptomycin-sulfadiazine treatment and another who had been treated ineffectually, not only with this combination but with other drugs as well. All of the patients responded quickly. Their temperatures fell to normal within three days and all symptoms finally disappeared. After two weeks of treatment, the patients were observed for from two to six months. All gained weight, and none showed a return of undulant fever.

Aureomycin was tried on some desperately ill patients in Mexico.

"Results far surpassed expectations," reported Dr. Wesley W. Spink, of the University of Minnesota, long a pioneer in undulant fever research. "Aureomycin, alone, in relatively small doses, given by mouth, altered the clinical course in a most dramatic way."

One of the happiest facts about aureomycin is its effectiveness against the Rickettsial diseases which have lately been increasing in incidence throughout the country. Rickettsiae, in case you aren't familiar with the term, are organisms midway between bacteria and viruses. They're responsible for Rocky Mountain spotted fever, a disease spread by ticks which, despite its name, occurs in every one of the 48 states. Q fever, another Rickettsial disease, which originated in Australia, has also been occuring here increasingly in recent years. There were epidemics of it in Texas and Chicago in 1946 and a raging outbreak in California in 1948. There are other Rickettsial diseases—typhus, psittacosis (parrot fever), and Rickettsialpox. Aureomycin has worked in all.

Recently, for example, a 4-year-old boy acutely ill with Rocky Mountain spotted fever was admitted to North Carolina Baptist

[*Turn to next page*

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Hospital with a seven-day history of high fever, headache, muscle pains, and a five-day-old rash.

What could be done for him? A drug called PABA (paramino benzoic acid) has been of some use, but usually it must be given befor the seventh day. Even then, while PABA has helped reduce the usual 10 percent death rate, it takes six days to reduce the fever, and an average of 12 days in the hospital. And it fails in almost one out of five tries to prevent severe complications such as pneumonia and infection of the heart muscle. Often, too, PABA has to be stopped because it damages the liver.

The North Carolina boy was given an aureomycin capsule once every six hours for four days. On the second day, he had already vastly improved. On the third, his rash had disappeared. One week after admission, he was well.

In a whole group of patients, treated at leading hospitals in Washington, D. C., Arlington, Virginia, and Cheverly and Baltimore, Maryland, aureomycin knocked out the fever in an average of 2⅓ days even when treatment couldn't be begun until the eighth day.

Even those who are most enthusiastic about aureomycin are not prepared, at this stage, to hope that it will be the last word, the panacea, for virus diseases. These ailments, ranging from the common cold to infantile paralysis, have resisted all previous chemical attack.

As already noted, aureomycin has worked in "virus" pneumonia. While this disease resembles, in many ways, the influenza known to be caused by viruses, no way has yet been found to isolate and definitely identify the agent that causes it. Researchers know it can't be bacterial because it slips through filters that ordinarily catch bacteria. It must, therefore, be smaller and could be a virus. But cautious medical men take nothing for granted.

There's hardly been time to test aureomycin thoroughly on other diseases believed to be virus-caused. However, five doctors recently reported in the *Journal of the American Medical Association* on their successful use of aureomycin in 25 cases of a venereal virus disease called lymphogranuloma venereum. Eight cases were particularly spectacular. The victims had greatly enlarged and tender glands in the groin. The tenderness was gone and the glands were back to normal size in just four days of treatment—"an event," the doctors declared, "which in our experience over 24 years with several hundred cases has never occured spontaneously within so short a time."

Here and there in the short time the drug has been available for general use, an individual doctor has tried it in a case or two of other virus diseases. One used it on his own wife who was in agony from shingles, a virus disease. In 12 hours, she was free of pain; in 24, her skin lesions began to dry up.

But it takes more than a single successful case, or even a few such cases, to warrant real hope. If your doctor isn't prepared, right now, to prescribe aureomycin as a sure cure for all virus diseases, don't be surprised. Much more testing remains to be done and it should be emphasized that, so far as is known, no tests have yet been made on polio and work on colds is only getting under way. The drug is still scarce in amount and must be used for serious conditions only until a greater supply is available.

But there are still other reasons for immediate enthusiasm. The new drug has produced no bad reactions. While some nausea has been reported, this can be readily controlled. And wherever used, even in 3-year-olds, for periods as long as 20 days, careful tests have revealed no urinary impairment, no jaundice or liver damage, no anemia. There have been no rash, hives, drug fever, vertigo.

Because of this, patients who can't tolerate penicillin, streptomycin, or sulfa drugs have been able to take aureomycin and be cured. There was, for example, the patient with subacute bacterial endocarditis (inflammation of the lining of the heart). Penicillin seemed to be doing a good job. Then came the toxic reactions: fever, hives, and arthritic symptoms so severe that the treatment had to be stopped. Aureomycin stepped in and, without penalty, is combating the disease.

Germs which aureomycin attacks have, so far, developed no resistance to it. Deliberate and repeated attempts to make them resistant have failed. That's important because an increasing tendency for germs to develop resistance to penicillin and other "wonder" drugs has been noted.

Notorious for developing resistance to penicillin, for instance, are the staphylococcus germs which commonly cause septicemia (blood poisoning) and osteomyelitis (bone inflammation) in children. Aureo has knocked them out.

Recently, two doctors at the College of Physicians and Surgeons of Columbia University reported on 100 cases of eye infections in which aureomycin, in solution form, was used. Many patients healed completely within the first 12 to 24 hours. Several were doctors with pink eye, who had come to think no drug would help them.

Aureomycin was discovered just two years ago by Dr. Benjamin M. Duggar, a 75-year-old microbiologist of Lederle Laboratories. Like penicillin and streptomycin, it was found in a mold.

To find it, Duggar worked patiently over 600 soil samples gathered from all over the United States—samples of plain agricultural soil, of swamp muck, delta silt, clay, humus. From each sample, molds were grown, tested against germ cultures and, if promising, tested further for toxic

[*Turn to page 307*



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Greater heat and greater pressure per square inch . . . means finer flatwork.

Only one single knee-control operates the GLADIRON! Both hands are free!



The GLADIRON folds up and wheels easily as a doll buggy. Use it anywhere. Store it in a wee corner of a closet!

Thor

GLADIRON*

*REG U S PAT OFF

THOR CORPORATION, Chicago 50, Illinois • Thor-Canadian Company, Ltd., Toronto, Canada

Plants in Chicago, Illinois; Bloomington, Illinois; El Monte, California; Toronto, Canada; London, England

What's the home-financing picture today?

By Harry Botsford and Arthur R. Lee

The answer, briefly, is that there is no shortage of money for home-financing. But you can expect interest rates to rise this year, perhaps ½ of 1 percent, and your application for a loan will be inspected more critically than similar requests made a year ago, or two years ago.

The current situation is this: Lending agencies have loaned millions of dollars at a fixed rate of interest—much of it on a long-term basis. At the same time, prices are rising. That means that the lending agencies' income from interest is being kept stable, while their cost of doing business is continuing to increase.

Three results are expected from this:

1. Property will be more carefully appraised, in contrast to the immediate past, when too many houses were optimistically valued.

2. Your background will be examined very closely: Lending agencies want to be sure you are both willing and able to meet the terms of your agreement. In fact, some lenders are examining applicants so closely they regard the house mortgaged more as collateral than as security for the loan.

3. Interest rates probably will increase in the near future; they're rising now in some regions. Many lenders describe loans at 4 percent as a thing of the past, with a few exceptions. Although loans are being made at 4½ percent, they are carefully screened, and increasing emphasis is being placed on federal mortgage insurance for loans carrying that interest rate. In some areas, at least, an increase to 5 per cent interest is expected. Spokesmen for lending agencies emphasize that higher interest rates will take mortgage loans out of competition with less troublesome investments, such as bonds, and make them more attractive.

You can directly benefit from one element of the current financial picture—the abundance of money available for loans. The heavy call for home-financing money the past two or three years has left some lending institutions committed nearly to the limit on that type of loan. But despite the heavy lending, the opinion is generally expressed that there is enough money available to take care of foreseeable home loans: There still is competition for the privilege of lending you money. So it's to your immediate advantage to shop for your home-building or home-buying money as carefully as you shop for groceries.

A good place to start your shopping is a savings bank, a commercial bank, or a trust company. They are limited in the proportion of

You'll be a good risk—if:

When you apply for a loan, lenders say your application will be more welcome if you:

- Are 30 to 45 years old (mature, still on the upgrade).
- Are the father of two or three children (better still, your children are educated).
- Are well established in your business, have opportunities for advancement (best, an executive; least desirable, a drifter).
- Own your furniture and car (lenders fear extra monthly payments will make too big a dent in your income).
- Are established in your community.
- Have outside investments, insurance.

BEST RISK—A substantial citizen expanding into his dream home.

savings deposits which legally may be loaned on home mortgages. So if they reject your loan, it's not necessarily a reflection on your integrity. The bank may have reached the limit of its home loans. Many take a critical view of projecting into an uncertain future loans carrying a fixed rate of interest. They point out that when interest rates are in the lower brackets (4 percent) the servicing costs reduce the net return on direct-reduction mortgages to a point where it approximates the revenue from corporate or government bonds. Should interest rates swing upward it is likely that banks and trust companies may be more eager to loan money on small home mortgages. However, many banks now welcome small home loans.

From your banker, you can find out if insurance companies—another source of money for home-financing—have loan offices in your city. Some insurance companies make loans through their local selling agencies, or district loan offices, others work with mortgage firms they list as correspondents. However, some insurance companies prefer to buy mortgages in blocks, such as those from a large building project.

Savings and loan associations will be other stopping points on your shopping trip: throughout the 1940's they have supplied about 32 percent of the total money that has gone into homeowners' hands for home-buying, building, and alterations. Most of their loans go into newly constructed homes priced between $4,000 and $10,000. Their new loans to homeowners now range from $300,000,000 to $350,000,000 each month. That is nearly double the amount of credit they were supplying in any of the war years and three times their prewar monthly average. Their average loan in 1948 was $4,725, compared with about $3,500 three years before.

There are two types of savings and loan associations—those operating under state charters, and those holding federal charters. Federal savings and loan associations are members of the Federal Home Loan Bank, and as such are eligible for savings insurance, similar to that offered banks by the Federal Deposit Insurance Corporation.

In common with other lending agencies, building and loan associations now are very selective in their risk-taking. They now require minimum down payments of about 35 percent. This, they point out, lowers the monthly payments and generally makes it possible to get the home debt-free sooner. In all lending agencies, the relation of your income to home cost and your prospects of continuous employment are carefully considered. In spite of this close selection, savings and loan associations currently are adding about 880,000 new homeowners a year to their lists, supplying credit for building, buying, or modernizing homes.

Agencies of the federal government are another important element of the home-financing picture, although they do not lend money or construct homes. They are, basically, sources of loan insurance, guaranteeing to the lender that his loan will be repaid.

One of them, the Federal Housing Administration, was created to encourage improvement of housing standards and conditions, and as a help in the creation of a sound mortgage market. It insures mortgage loans made by private lending agencies for the construction of residential property, and it insures financial institutions against loss on loans made to finance alterations, repairs, or improvements of homes and other property.

In the past 14 years F.H.A. has insured 1,800,000 small-home loans, averaging about $5,000. (You'll find tables showing types of F.H.A. loans on page 122.)

If you're an ex-G.I., you may want help from another federal agency, the Veterans Administration, which also guarantees home loans. Since its system of home-financing was launched in 1945, the V.A. has approved nearly 1,300,000 home loans. Recently, the agency's volume has dropped off substantially. In 1947, G.I. loans comprised almost one-third

[*Turn to page 122*

A typical $9,000 loan will cost you:

It costs money to borrow money with which to buy or build a home. Be ready to take care of those costs when you complete your loan. Here's about what a typical $9,000 loan will cost you:

Appraisal	$20
Attorney fees	15
Abstracting and recording	25
First year F.H.A. mortgage insurance premium	45
Application fee (pays for a check on your credit rating, stenographic expense, etc.)	10
Loan service fee of 1 percent*	90
First year's fire insurance policy premium	31
G.I. appraisal fee*	20
	$276

*Not required on all loans





The Celotex Dealers and Builders of America join with
The Celotex Corporation to bring you the THREE-KEY PLAN *to*

A Charming, Enduring Home at Common-Sense Cost

HERE is an approach to building a home that will reach the hearts of millions over America. It brings new encouragement you have been waiting for—you who e wondered whether it is now possible to d a home of lasting charm and comfort sensible cost. A home that you can be gives you the most for your money in ay's market—in the livability of its de-, in the quality of its materials, in the racter of its construction.

America can and will, if need be, go with-anything but homes. Our strength is in the home. Our roots are deep in all the home is and means. Our very future, and that of generations to come, rests squarely on our ability to provide the strong and staunchly built homes this nation so sorely needs—now.

We of The Celotex Corporation have concentrated upon this problem the quarter-century of Celotex experience in lowering building costs through increasing building efficiency. We have studied hundreds of designs and plans, consulted with architects and builders. And we state that *even in these days of higher prices for everything, a family of modest means can build a good, strong, beautiful home*—a home that will rid you once and for all of the threat of housing shortage!

SOME FAMOUS CELOTEX MATERIALS TO MA

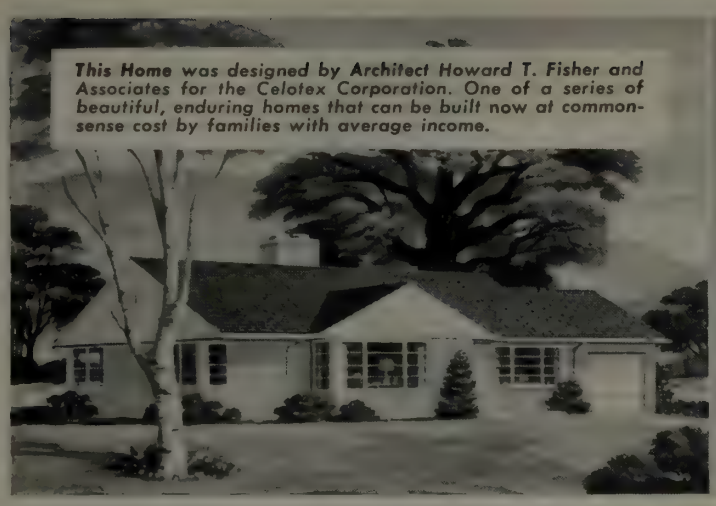


Celotex Insulating Sheathing—*Asphalt coated for greater moisture protection, it combines greater structural strength and better insulation, too—three vital functions at one low cost!*



Celotex Insulating Lath—*Makes perior base for plaster—builds insulates, at the same time, perf both of these important jobs be at one low cost!*

Celotex Announces the Three-Key Plan



This Home was designed by Architect Howard T. Fisher and Associates for the Celotex Corporation. One of a series of beautiful, enduring homes that can be built now at common-sense cost by families with average income.



FIRST FLOOR PLAN

Key Number One opens the way to the right design at the right price

We asked a group of America's most skillful, practical architects to design a series of quality homes at common-sense cost. They were given free rein with just one important restriction: *These homes must embody the proven basic principles of efficiency and economy in design and construction.*

Through such advancements as improved planning that saves building time and work . . . use of quality materials that perform two or more functions at a single cost . . . use of standard lumber and millwork sizes, these homes assure you that none of your money will go into needless frills or extravagances. They give you assurance that you can start right now to build a substantial, beautiful home that you will cherish all through life—at a price within the means of an average family.

Key Number Two opens the way to the right materials at the right price

Top quality building materials are again available, and in ample quantities. To make sure you get the best for your money, there is no more important man to see in your community than your Celotex dealer. He can tell you exactly how to go about building the beautiful home pictured here, or several others designed for Celotex in a variety of price ranges, or still others in his own collection of moderate priced homes. He can give you a complete estimate of their cost and put you in touch with a reliable architect and builder.

He has a keen awareness of what's new and better in building methods and products. This man is more than just a lumber merchant today—he is the man who knows your local conditions, costs, laws, building codes. And he can tell you how to make arrangements for financing your home, too. He is the man to consult—the man in whom to place your confidence.

Key Number Three opens the way to beautiful modern interiors

To give the Celotex Three-Key Plan added interest to the homemaker, we have retained Helen Koues, nationally famous decorator, founder and for many years the director of Good Housekeeping Magazine's Studio of Architecture, Building and Furnishing. She shows with simple sketches how the interiors of these homes can be treated. She has provided arrangements and color scheme suggestions of modern charm and good taste, planned with efficiency and economy uppermost in mind.

YOU ALWAYS BUILD BETTER WITH CELOTEX BUILDING PRODUCTS

Your dealer knows there is no substitute for *genuine* Celotex quality. Only Celotex, for example, has the exclusive patented Ferox process. This makes Celotex cane fibre products proof against dry rot, termites or fungus. As a result, building experts who have examined Celotex materials used in homes over 25 years ago find them still as sound and strong as ever, still saving home owners money and trouble.

Remember—more homes are built with Celotex than with *any* other rigid insulation materials in the world. Whether you are building or remodeling—be satisfied with nothing less than *genuine* Celotex quality.

WANT TO REMODEL? TURN YOUR ATTIC INTO A HANDSOME ROOM

Got a couple of young cowboys with no place to roam? Corral that waste attic space and see how Celotex materials can turn it into a room that will thrill them—and you.

For rumpus rooms, extra bedrooms, extra rooms of all types, there is no material to surpass Celotex Insulating Interior Finishes. They come in Building Board, Tile Board or Finish Plank form, which permits a pleasing variety of design treatment for both walls and ceilings. And they build for strength, insulate for comfort and decorate for beauty, all at one time—at one low cost! Ask your Celotex dealer or builder for full details of low-cost remodeling the Celotex way.





MAIL COUPON BELOW FOR DETAILED "CELO CHARTS" GIVING FLOOR PLANS AND DESCRIPTIONS OF THREE HOMES

You get complete basic information on the home pictured here and two others, covering a variety of price ranges. All the elevations, floor plans and area dimensions needed for preparation of complete working plans and specifications. Plus interior decorating suggestions by Helen Koues. From these "CELO CHARTS," your Celotex dealer can estimate cost of building these homes in your locality. Mail the coupon now!

Build Strong for the Future . . . Build with

CELOTEX

REG. U. S. PAT. OFF.

BUILDING MATERIALS

Insulating Building Boards • Asphalt Coated Insulating Sheathing • Insulating Lath • Insulating Interior Finishes
Rock Wool Insulation Products • Triple-Seal Roofing • Gypsum Wallboard • Gypsum Lath, Plaster
Cemesto • Insulating Sidings • Acousti-Celotex • Flexcell Expansion Joints • Hard Board

THE CELOTEX CORPORATION, CHICAGO 3, ILLINOIS

YOUR HOME STRONG, COMFORTABLE, BEAUTIFUL, AND THRIFTY TO HEAT



***Celotex Triple-Seal Roofing**—Combines colorful beauty, complete protection against the elements, and long life. Comes in a variety of harmonized colors and designs.*



***Celotex Insulating Siding**—Beauty treatment for old-looking homes. Goes over old exterior. Protects, strengthens, insulates, ends painting expense. Brick, stone or shingle design!*



***Celotex Rock Wool Insulation**—Blown into your present home by Registered Celotex Applicators. Takes only a few hours. Result—amazing additional fuel savings, comfort!*

MAIL COUPON NOW FOR DETAILED "CELO CHARTS" OF THREE HOMES

The Celotex Corporation, Dept. BHG.
Chicago 3, Illinois

I enclose 25c in coin, for which please mail me the CELO CHARTS of three homes designed for The Celotex Corporation, covering a variety of price ranges.

NAME_____

ADDRESS_____

CITY_____ ZONE____ STATE_____



Photograph: Marion Pease



Johnny can drink from a man-sized cup now. But he started with sips from a tiny glass

When baby switches to a cup

Even if you're ready to throw away his bottles or call it a day with breast-feeding, maybe your baby isn't. Here's how you can help him like it

By Ann Usher

Introducing your baby to milk from a cup should start as a game. And this experience should come long before you expect him to make the complete change-over from bottle or breast to cup.

The time when your baby will be ready to adopt the grownup method of taking liquids depends on his own inclinations. Weaning should never be forced.

But milk in a cup need not come as a total surprise at weaning time. If you wait until your baby is 9 or 10 months old to introduce him to a cup, he's likely to reject the whole idea indignantly.

At 5 months, when he's inclined to take a try at anything you offer him, let him know that milk does not come exclusively from his beloved bottle or from Mother.

One sip from a tiny cup or narrow-mouthed glass offered occasionally is enough to start with. You're not trying to wean him. Baby needs the satisfaction of sucking until he indicates willingness to give it up.

In the meantime, he's learning to master drinking from a cup by having his fruit juices and water that way. However, the fact that he'll drink juices from a cup doesn't guarantee that he'll accept milk in the same fashion later on. He should get used to occasional sips of milk while he is learning the process.

When your breast- or bottle-fed baby begins to show impatience at being held in your arms to nurse, start increasing the number of sips of milk from the cup and cut down the bottle or breast milk accordingly. Continue doing this until you can eliminate his bottle or nursing entirely at one meal—usually at noontime. However, if he likes his lunch bottle but shows little interest in nursing at another time, cut out the one he doesn't care about.

Follow this method until [*Turn to page 105*

A Better Homes & Gardens child care and training feature

How to get fine veal every time...



YES, YOU CAN BE SURE of getting tender, juicy, wonderful tasting veal *every time!* All you do is look for a Swift brand name—*Swift's Premium*, *Swift's Select*, or *Swift's Arrow*—right on the meat itself. Men whose lifework has been the judging of fine meat select this veal for your table. It's *always* fresh and flavorful . . . good right down to the last juicy tidbit. So look for, ask for, Swift's *Branded* Veal at your meat market.

A SWIFT QUALITY FOOD

Just look for a Swift brand: Swift's Premium, Swift's Select or Swift's Arrow right on the meat!



Martha Logan

Swift's Home Economist, gives you

HINTS ON COOKING VEAL CHOPS



IT'S ECONOMICAL as well as delicious to *stuff* veal chops. With a sharp paring knife, cut a deep, wide slit in the fat side of loin chops. Fill with your favorite bread or fruit dressing. Fasten with toothpicks or skewers.

TO FLOUR CHOPS QUICKLY, try this trick: Toss them, one at a time, in a paper bag in which you've placed flour and seasonings. For breaded chops, toss in *sifted*, seasoned crumbs, dip in slightly beaten egg, toss in sifted crumbs again.



BRAISING BRINGS OUT THE BEST in veal chops: After chops are coated, brown them in hot fat. Add about ¼ cup hot water (try such variations as apple or tomato juice, sour cream, or diluted mushroom or celery soup). Cover; cook slowly until tender—about 1 hour—on top of range or in mod. (350°F.) oven. Add more liquid *sparingly*, as needed. Hot stuffed olives make an interesting garnish.



Here's a pretty way *to perk up your table... and mealtime spirits, too. Do it with Knowles new, fresh-as-spring Buttercup pattern shown here. Its gay yellows, fresh greens and whisper-soft grays will make it right-at-home in your home. Cost? Averages about 50 cents per piece! Buttercup comes in services for twelve, eight, six, starter sets for four and in open stock. If your store doesn't have Knowles Buttercup (remember that name) please write us for name of nearest dealer. The Edwin M. Knowles China Co., 600 Harrison Avenue, Newell, West Virginia.*

K KNOWLES

T. M.

ok for this mark of
ine Knowles quality.

Knowles *Fine American Dinnerware*

Spark up your dressing table

It's the flair, the touch of vivid color that gives a dressing table personality

By Pauline Graves



Photograph: Robert Boothe

Before Whose dressing table is this? It might be almost anyone's—it's that impersonal-looking. Without a skirt on the table or curtains at the window, the nook looks drab and has no character or spark of personality.

Maynard L. Parker



After With a colored skirt and vivid wallpaper, the same dressing table has lots of charm. Tightly gathered glass curtains keep the nook private, but let in the sun. Pleated skirt fits snug to the table. Matching pleats at the top of the alcove show off scalloped cornice

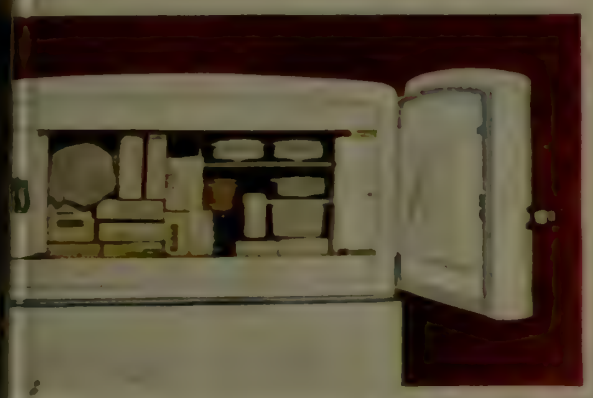
When you want the "best" be sure you're getting it!

VE YOU GOT your heart set on the very est in refrigeration?

Then the refrigerator for you is this gor- us new 1949 General Electric Refrigerator- me Freezer Combination!

t gives you what you *ought* to get . . . for the only kind of refrigerator that's *truly* a ne freezer and fresh-food refrigerator in one.

Look for separate compartments, separate outside doors!



p compartment is a real home freezer, ause it's separately refrigerated, insulated all und, and has its own *outside* door.

real home freezer, because it maintains *zero* nperature—for quick-freezing foods and ice cubes l storing up to 70 pounds of frozen foods (ten-cu- model) or 53 pounds (eight-cu-ft model).

real home freezer, because its zero tempera- re keeps frozen foods in prime condition for as g as 12 months—four full seasons!

This is what to look for. This is what you *get*, in G-E Refrigerator-Home Freezer Combination.



n lower compartment alone (either 8- or 10-cu- t model) there is fresh-food storage space equivalent o that in the conventional 8- or 10-cu-ft refrigerator.

It is the last word in a spacious fresh-food refrig-



erator. Separately refrigerated, separately insulated, and with its own outside door!

It never needs defrosting! Dishes need never be covered! Cold is moisture-conditioned. Big, deep drawers keep fruits and vegetables just right! The butter conditioner, easily accessible in door, keeps butter at proper temperature for easy, wasteless spreading!

You'll never forget . . . never regret . . .

the day you buy this General Electric Combination. For the name GENERAL ELECTRIC *means* dependability . . . dependability based on an unsurpassed record for year-after-year performance.

More than 2,000,000 General Electric Refrigerators have been in service 10 years or longer!

And the *chief* reason, of course, is the famous General Electric sealed-in refrigerating system. Airtight and oiltight, this dependable system has never been excelled for efficient, economical operation . . . year in, year out.

NEW 1949 GENERAL ELECTRIC

Refrigerator— Home Freezer Combination

A separate refrigerator PLUS a separate home freezer.

8- and 10-cubic-foot models

The General Electric Combination is available at your retailer's in both 8- and 10-cubic-foot models —one of them just right for *your* household. We think you'll agree they offer the *most* that's offered in a home refrigerator today. General Electric Company, Bridgeport 2, Connecticut.

More than 2 million G-E Refrigerators in use 10 years or longer

GENERAL ELECTRIC

There's no other cereal like it!

CORN *for flavor and energy*

SOYA *for body-building protein*

"The Twin-Treat Breakfast"

FEEL the nourishing difference!*

Corn-Soya with milk brings you nourishment that actually stays by you. It keeps mid-morning hunger away! Crisp and delicious, it's a great new food combination . . . CORN for tempting flavor and bounding energy . . . SOYA for more body-building protein* than in any cereal . . . plus whole-grain vitamins and minerals. It's grand for the kids, and everybody else. Get some at your grocer's.

*The protein value of one ounce (2/3 cup) of Corn-Soya with four ounces of milk equals that of one egg with three slices of bacon. It's real nourishment and real economy.

Kellogg's CORN SOYA SHREDS TWIN-TREAT FLAVOR-ENERGY

MADE BY KELLOGG COMPANY, BATTLE CREEK, MICHIGAN, U.S.A.

Spring hints for the handy man



Preheat calking compound. Before you start calking cracks in masonry or stucco, lay the calking gun in a container of hot water for a few minutes, or wrap it with an electric heating pad as shown here. This softens the compound so you can easily force it into hairline cracks



Finding attic openings. To locate an opening through which squirrels are entering your attic, dust surfaces with a white powder—whiting talc, or flour. Apply powder with a clean, dry insect sprayer. Later you will be able to track the intruders to the hole they've been using

Photographs: Kenneth Murray



Aid for loose screws. When a wood screw has loosened, put a short piece of solid wire solder in the hole. When you again drive the screw home, it will be held tightly. This method is easier than whittling a peg

More on page 21

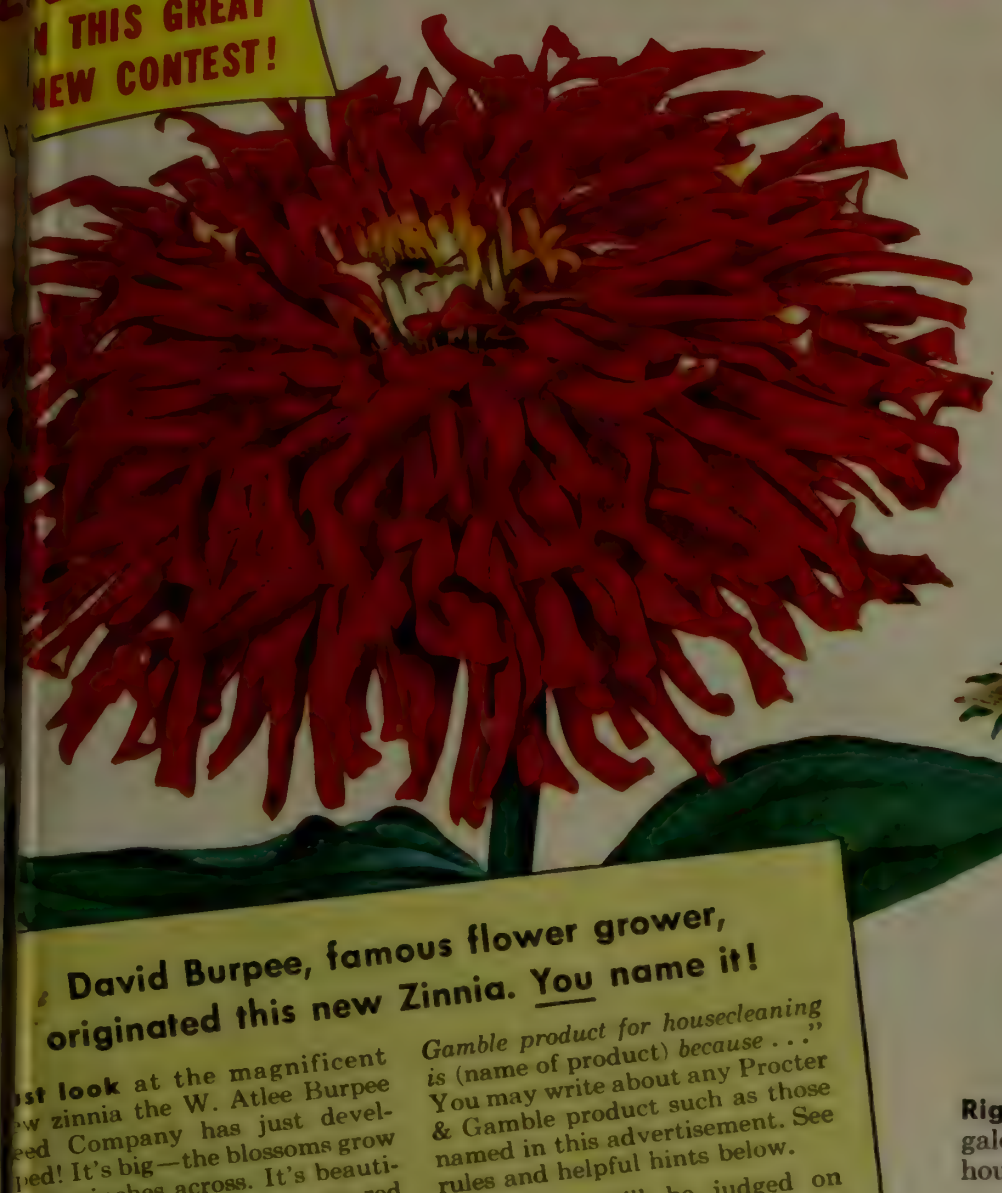
Prize for EVERYONE IN THIS GREAT NEW CONTEST!

Give this New Flower a Name!

Win $25,000 CASH FIRST PRIZE

2nd PRIZE $10,000 . . . 3rd PRIZE $5,000

100 PRIZES of $100 EACH!



* And look! EVERYONE WHO ENTERS WILL BE SENT A PACKAGE OF LUTHER BURBANK ZINNIA SEEDS!

YES, *every* entrant—whether a cash prize winner or not—will receive promptly, by mail, a regular-size package of 100 zinnia seeds from Procter & Gamble. These seeds are for a new prize zinnia recently introduced by Burpee named the Luther Burbank zinnia. Enjoy these big, multi-colored zinnias in your flower garden this summer. (Note: These seeds are *not* for the new contest flower pictured in this advertisement. The contest flower is *so* new that seeds will not be available until 1950.)

GET ENTRY-BLANKS AT

Your Dealer's Spring Housecleaning Sale!

Right now your dealer has bargains galore in things you'll need to get your house all slick and shining for spring!

Look for the big display he has of all the cleaning aids you'll need—mops, buckets, brooms, everything! There, all in one convenient place, you'll find stacks of famous Procter & Gamble cleaning helpers to make your work go fast and easy.

Stock up now with the ones you'll want for all your household cleaning tasks. You're sure to need them anyway—and then you'll have plenty wrappers and box-tops to use in entering the big contest. You can get extra entry-blanks and full details from your dealer during his big Spring Housecleaning Sale!

But hurry! Remember, this great contest closes midnight, April 30, 1949. So go to your dealer now—send in your first entry right away! It may mean $25,000 in cash to you!

David Burpee, famous flower grower, originated this new Zinnia. You name it!

Just look at the magnificent new zinnia the W. Atlee Burpee Seed Company has just developed! It's big—the blossoms grow to five inches across. It's beautiful—has thick, wide, autumn-red petals. It's so new it hasn't even been given a name! The name you give it may win you $25,000 in cash!

Here's all you do! Think up a name for this new zinnia. Its color, its size, its petal formation will give you clues. For example, you might want to name it the "Red Top" zinnia or the "Scarlet Bouquet" zinnia or the "Sunset" zinnia. Then simply complete this sentence in 25 additional words or less: "*My favorite Procter & Gamble product for housecleaning is* (name of product) *because . . .*" You may write about any Procter & Gamble product such as those named in this advertisement. See rules and helpful hints below.

Your entry will be judged on the basis of the flower name you submit. Your completed sentence will be considered only in case of ties.

Enter now—and as often as you wish! Just be sure that with each entry you send three wrappers or box-tops—one each from any three Procter & Gamble products.



IT'S FUN . . . FOLLOW THESE EASY RULES!

...gest a name for the new zinnia developed ...e W. Atlee Burpee Company and illustrated ...is page. Then complete this sentence in ...y-five additional words or less: "*My favo-rocter & Gamble product for housecleaning is* ...e of product) *because* . . . . . "

...e entry-blank obtained at your dealer's, or ...on one side of a plain sheet of paper. Be ...o print plainly your name and address.

...ail to "Name the Flower Contest," Cin-...ti 1, Ohio. Send in as many entries as you ...but each entry must be accompanied by ...box-tops or wrappers, any size, one each ...any three Procter & Gamble products, ...as:

...pic and Span	Tide
...uz	Ivory Soap
...xydol	Ivory Flakes
...reft	Ivory Snow
...ava	Camay

...l entries must be postmarked before mid-..., April 30, 1949, and received by May 14, ..., to be eligible.

...y resident of continental United States and ...an may compete except residents of Mon-..., employees of Procter & Gamble, their advertising agencies, and their families. Contest is subject to government and state regulations.

6. First prize will be **$25,000** in cash. Other prizes will be:

2nd prize . . . . . $10,000 in cash
3rd prize . . . . . 5,000 in cash
100 prizes, each . . . . . 100 in cash

In addition, Procter & Gamble will send each entrant a package of famous Luther Burbank zinnia seeds for each entry which is accompanied by the proper box-top or wrapper requirement.

7. Zinnia names will be judged on the basis of originality, attractiveness and suitability. In case of ties, entries with zinnia names of equal merit will then be judged on the basis of the originality, sincerity and aptness of thought of the accompanying sentence submitted. In case of a tie of both the name and sentence, the full prize for which contestants have tied will be awarded to each tying contestant. Judges' decision will be final. Only one cash prize will be awarded to each person. No entries will be returned. Entries, contents and ideas therein become the property of Procter & Gamble.

8. All winners will be notified by mail. Winner lists will be available on request approximately two months after the close of the contest.



DUZ does *Everything* in the family wash—from the dirtiest and grimiest to the whitest and brightest—fast, clean and safe!



IVORY FLAKES helps give lovely silks, woolens, nylons special washing care that means longer wear.



OXYDOL. Amazing new OXYDOL washes your white things to an entirely new kind of whiteness—and keeps them WHITE FOR LIFE!



DREFT. During the busy housecleaning season, use DREFT for your dishes—saves work, saves time. DREFT washes dishes so clean they shine even without wiping.



TIDE, the new washday miracle, gives you the world's cleanest, brightest, whitest wash! When Tide's in—dirt's out!



IVORY SNOW—wonderful for dishes! No soap is faster for dishwashing or kinder to hands. The only Ivory-mild soap that's granulated for efficiency!



IVORY SOAP is wonderful for your hands at housecleaning time because it's so pure, so mild, so kind to your skin!



CAMAY. Housecleaning time and all the time, care for your complexion with pure, mild Camay, The Soap of Beautiful Women.



LAVA. Many housecleaning jobs get hands dirty and grimy. Lava gets them clean in less than a minute!



SPIC AND SPAN—really cleans dirtiest painted walls and woodwork with the ease of dusting—you just wipe away the dirt. No Rinsing. No Wiping.

hy do Mollys salads
ste so extra good?





She serves 'em with
America's favorite...

THE ONE AND ONLY

Miracle Whip

WO-TONE PEAR PLATTER

ou'll notice this recipe specifies *iracle Whip* Salad Dressing, d that really is important. Be-use Miracle Whip has a can't--copied flavor that gives salads ecial zest. It *combines* the qual-es of old-fashioned boiled essing and fine mayonnaise!

canned pear halves with juice
lb. red cinnamon candies
f lettuce
Drained crushed pineapple
6 cooked pitted prunes
6 pecan halves
Miracle Whip Salad Dressing

nnamon Pears: let 6 pear halves and an hour in syrup made by ssolving cinnamon candies in t pear juice, then cooling it. Ar-nge lettuce on round chop plate th small bowl of Miracle Whip center. Radiate cinnamon pears lettuce; fill centers with pine-ple. Place a prune topped with pecan on each remaining pear; range on rim of plate.



Millions prefer it! Miracle Whip
out-sells the next 20 salad dressings combined!

Hints for the handy man

Begins on page 22



Speedy paint mixer. To mix a can of paint thoroughly, drill a hole in a small piece of wood so it will fit tightly over the end of a dowel rod about 12 inches long. Clamp the other end of the dowel in the chuck of your hand brace, and use the device as a rotating paddle



Quick-acting paint scaler. To scratch-brush scaly paint from a house, use two wire brushes screwed together, so handles project in opposite directions. A corner plate can be used. Grasp a handle in each hand for more pressure. The two brushes provide you with a wide cleaning surface



Shovel headlight. When you clean your fireplace sump of its winter's accumulation of ashes, attach a small flashlight to the lower part of the shovel handle, so you can see what you are doing. You can use the same idea when you clean out an unlighted coalbin or other dark place

More on page 26



Transform living rooms into cheerful and pleasing centers of family life with COLOR DYNAMICS. (Photo courtesy Better Homes & Gardens)

Now enjoy a whole new world of helpful color!

BANISH GLOOM, BRIGHTEN CHEERLESS, TIRED-LOOKING ROOMS, MODERNIZE YOUR ENTIRE HOME WITH YOUNG IDEAS—THE PITTSBURGH COLOR DYNAMICS WAY!

COLOR means a great deal more today than a fleeting impression upon the eye. For science has shown that colors inspire and stimulate, soothe and relax—even cause depression and fatigue.

● **These and other** important facts are fundamental in Pittsburgh's system of COLOR DYNAMICS. This modern method of painting enables you to use the *energy in color* to decorate your home properly. Instead of living in drab, lifeless rooms that *starve* the spirits of your family, you can now enjoy a whole new world of helpful color that brings new comfort, pleasure and well-being to all. In fact, with COLOR DYNAMICS you dare to be different and gay, for you use colors that best suit each room's purpose and exposure to light and sun.

● **The lovely color** effects you select by Pittsburgh COLOR DYNAMICS can be made *extra* long-lasting with the *live-paint protection* of Pittsburgh Paints. New fume-proof SUN-PROOF House Paint retains its gleaming brightness longer than ever before. Oil-base WALLHIDE gives you smooth, even-toned walls with just one coat. FLORHIDE Enamels add new life and beauty to wood or cement floors. WATERSPAR Enamels give a sleek, rich gloss to furniture, woodwork and metal trim, inside or out.

● **Take the guesswork out** of decorating. Paint *right* with COLOR DYNAMICS—paint *best* with PITTSBURGH PAINTS!



Decorate your bedroom the COLOR DYNAMICS way and start every day on the right, bright side. (Photo courtesy Mengel Co.)

Free Booklet on Color Dynamics



Ask your Pittsburgh dealer or store for a FREE copy of our new booklet, "Color Dynamics for the Home." Or send this coupon.

Pittsburgh Plate Glass Co., Paint Div., Department BH-49, Pittsburgh 22, Pa.

*Name*_____

*Street*_____

*City*_____

*County*_____ *State*_____

PITTSBURGH PAINTS

PAINTS • GLASS • CHEMICALS • BRUSHES • PLASTICS

PITTSBURGH PLATE GLASS COMPANY

"It takes a heap of Living!"



Firestone Velon*

One upholstery material can make a home when it's exquisite *Velon*. It makes the loveliest sofas, easy chairs, table tops, panelling...and makes them impervious to wear.

Let Dad put his feet on the sofa. A damp, soapy cloth removes grease or dirt—restores *Velon's* mellow lustre without polishing.

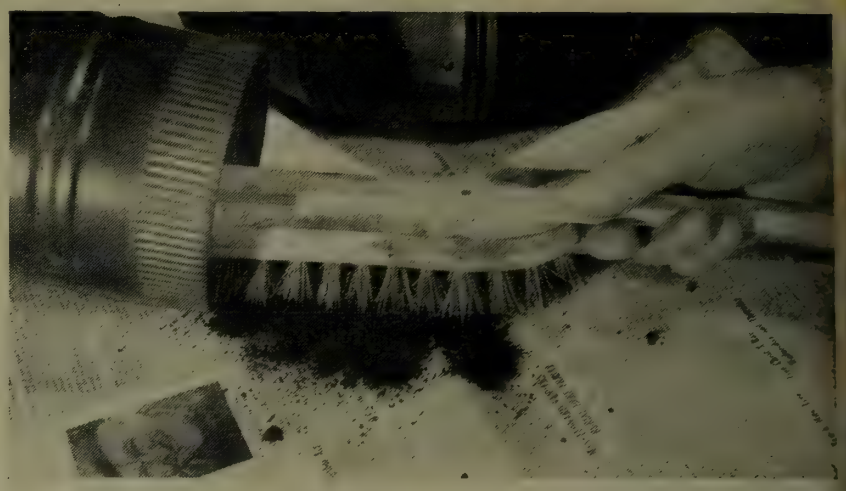
Your immaculate *Velon* table-top never shows a scratch, scuff or stain. Smooth, non-porous *Velon* won't crack, peel or dry out. Its colors—whether rich tones or delicate pastels—stay fresh and lovely.

Velon can make your home more livable, more practical than you ever dreamed possible. Ask for furniture covered with Firestone *Velon* by name. At fine furniture and department stores.

©1949 FIRESTONE TIRE & RUBBER CO. *TRADE MARK



Hints for the handy man . *Continued*



Long-handled pipe cleaner. Here's a help in cleaning the inside of your stove and furnace pipes after a winter's use. Screw the end of a long stick to an ordinary fiber scrubbing brush so it will reach into those long lengths of pipe. Clean pipes are less likely to rust during the summer



Straps for your garden hose. For ease in handling and storing garden hose, secure each side of the coil with book or skate straps. These straps will reduce the tendency of the hose to kink, and will keep the turns from becoming separated or out of order while hose is in storage



Numbers hammered from solder. Numbers, names, or monograms for a house, mailbox, or garage can easily be made from wire solder. Shape each piece with your fingers, then flatten with a hammer, coat with paint or enamel and attach with small brads or cement. You can get a bright finish by polishing with steel wool and covering with clear lacquer

SEE THE DARING NEW DODGE FOR TODAYS BIGGER, TALLER MORE ACTIVE AMERICANS!

When Army physical exams revealed that our wartime generation was far bigger, taller and more active, Dodge engineers started planning this great new car!

HERE is the car the American people will take into their hearts.

It's *lower* on the outside . . . *higher* on the inside! *Shorter* on the outside . . . *longer* on the inside! *Narrower* on the outside . . . *wider* on the inside! You will wonder how it was done!

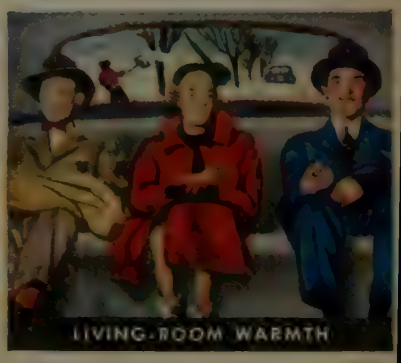
New design . . . *new distinctive* style . . . *new natural* beauty that flows from truly functional engineering . . . new elbow room, leg room and head room plus an amazingly *smooth* ride . . . all the basic fine car comforts.

Here is the miracle of design that comes to you from the engineering staff that has always built America's most enduring, durable car . . . the rugged, dependable Dodge!

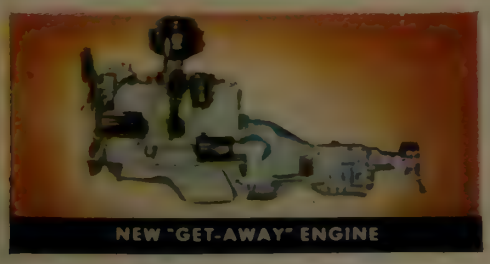
New styling . . . luxury interiors . . . fast get-away . . . optional Gyro-Matic transmission . . . some of these things that will thrill you are pictured on this page. But go to your Dodge dealer and ask him to show you *all* the wonderful things this *new Dodge will do for* YOU.



NEW elbow room, rear seats almost eight inches wider . . . more head room above and leg room below.



NEW under-hood all-weather comfort system distributes fresh air warmth to all passengers in the car.



IMPROVED "Get-Away" engine provides flashing acceleration for quicker starts, safer passing . . . high compression engineered to squeeze extra miles from each tankful of gas.



The Daring New

DODGE

CORONET

How to get lasting comfort in your new car, furniture and mattress

need only to press your hand down upon **Airfoam** cushioning cover why it is the last word in comfort. You'll feel a resilient — a live buoyancy that cushions weight uniformly — a gy body-cradling support that permits complete relaxation.

of this glorious comfort is millions of tiny air cells that give m a "comeback" unknown in other cushionings. It keeps this resiliency for life; doesn't sag or lose shape in years of use. ol, sanitary, non-allergic and repellent to vermin.

se of these unique qualities **Airfoam** is being used more and to cushion better cars, furniture and mattresses. To identify onder product of Goodyear Research, just make the push nd look for the **Airfoam** label — your guide to super-comfort. ear, Airfoam Dept., Akron 16, Ohio.

Airfoam—T.M. The Goodyear Tire & Rubber Company

Airfoam

SUPER-CUSHIONING BY

GOODYEAR

THE GREATEST NAME IN RUBBER

We think you'll like "THE GREATEST STORY EVER TOLD." Every Sunday—ABC Networ

HAVE YOU HEARD?

the latest in garden news
reported by Dr. R. Milton Carleton



New product deadlier than DDT

Perhaps not this year, but next, an amazing new insecticide will go on sale for use in home gardens. This is parathion, which as a pest killer is 125 times as toxic as the older "wonder insecticide" DDT. Mealy bugs, sow bugs, redspider-mites, practically all other mites, aphids, leaf rollers, cockroaches—in fact every known economic insect seems to be quickly killed by parathion. Two exceptions are the hard forms of scale (it kills soft forms) and the common slug.

So far, health authorities have been reluctant to release it to home gardeners until safe methods of handling have been worked out. For the time, parathion is being sold to greenhouse operators and orchardists accustomed to handling poisonous materials. But by next year I hope all of us can be using compounds of it safely by donning simple dust masks or respirators.

Like a florist's spray

There's a new white rose coming on the market that grows exactly as though a florist arranged it. Bred by Dr. L. E. Longley of the University of Minnesota, it is very hardy and makes a strong horizontal growth. It's a beautiful thing, better than any creeper I've seen to date, including the very excellent Creeping Everbloom of Brownell's. This new one looks as though you'd studded a deep green background with white gardenias. Though it can be trained as a pillar, it does not bloom so freely in that form. Doctor Longley has turned all stock over to a Minnesota nurseryman for propagating and distribution.

Pelleted seeds suffer in dry soil

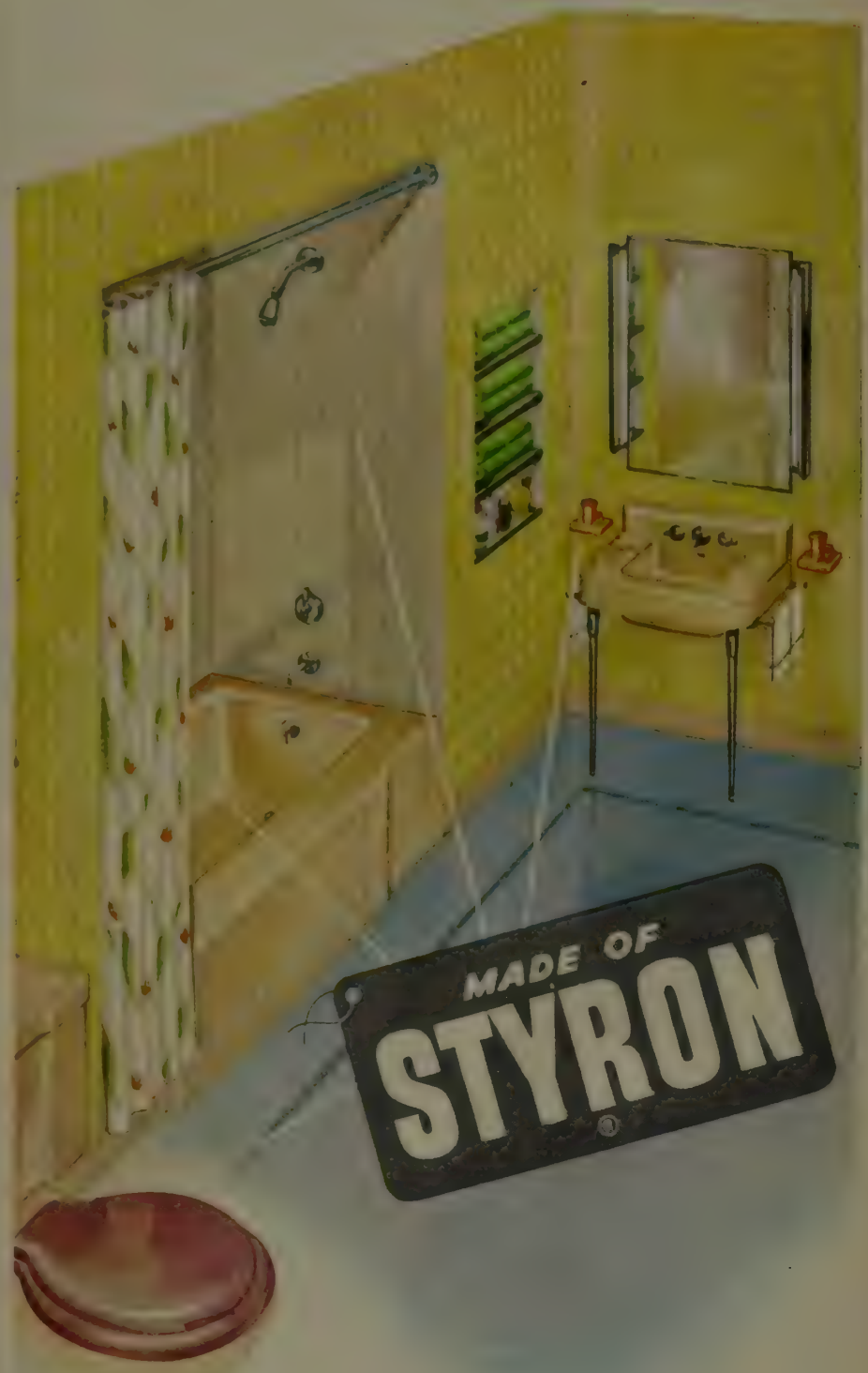
They suffer more than non-pelleted seeds do. This recently determined fact explains the conflicting reports by early users so enthusiastic over the convenience of handling coated seeds. Pelleted seeds are seeds coated with a material containing plant food, hormones, and fungus killers. Tomatoes are the most successful, lettuce the least successful when pelleted.

Squash resists

Three years of observation have convinced me that the vines of the Butternut Squash are for all practical purposes borer-proof. I have never seen a borer in a Butternut vine, even when the vines of other squash varieties in nearby tests were heavily infested. Besides being resistant to borers, Butternut bears heavily. And on quality, is, or comes close to being, the best squash in the world. A rival in northern gardens is the Minnesota-bred Buttercup of which Greengold is a fine new strain.

[*Turn to page 171*

the room
for improvement
needs **WALL TILE**
like this!



Here is smart new beauty that puts a decorator glint in any woman's eye! In a captivating array of lush new colors, wall tile and toilet seats made of Styron (Dow Polystyrene) provide a new measure of luxurious beauty and convenience. For Styron bathroom beauty is so easy to install, resists moisture, won't warp or shrink . . . and those glistening colors can't chip or peel because they're molded right into this famous plastic. ☆ If you're building or remodeling, be sure to ask your dealer for wall tile and toilet seats made of Styron.

DOW Plastics

Plastics Division WT-3 • THE DOW CHEMICAL COMPANY • MIDLAND, MICHIGAN



"Your mother and I couldn't have built like this"

"WE BUILT about as well as we could . . . used the best materials that were available in those days but our old house just can't compare with what you and Steve are going to have here. Just take that Armstrong's Temlok®. We had to use plain wood sheathing. There wasn't any choice in those days. Your house is stronger, and it'll be a lot easier to heat. There's sure been a lot of progress in building methods in the last few years."

Yes, Armstrong's Temlok Sheathing represents a big advancement toward building better homes. Yet, it usually costs less than ordinary wood. In addition, Temlok saves a lot of money on labor costs. The big, lightweight fiberboard sheets are quickly cut and nailed in place. There's almost no waste of material.

Temlok Sheathing is a strong building material and a good insulation, too. It's made of millions of wood fibers, all tightly locked together to form a rigid board. When it's nailed to the framework of a house, it braces the whole structure, keeps it firm and rigid for the lifetime of the house. Each tough fiber is encased in asphalt that helps bind it to its neighbors and gives Temlok unusually high resistance to moisture. Less moisture means more comfort inside the house and longer life for the walls.

Expensive heat can't leak away through walls of Temlok. Tiny still-air spaces between its fibers act as a barrier that won't let heat pass into or out of the house. That's why Temlok helps to cut your fuel bills every winter and helps to keep the house more comfortable in summer.

Before you build, be sure to ask your lumber dealer for the details about Armstrong's Temlok Sheathing, the material that adds extra strength and insulation, too.



Send for free booklet, *"How to Build a More Comfortable New Home."* *It's full of good ideas, illustrated in color. Just write Armstrong Cork Company, Building Materials Division — 4904 Farnum Street, Lancaster, Penna.*

ARMSTRONG'S TEMLOK

One of the building materials made by the makers of Armstrong's Linoleum

I hated housework till . . .



I found the hidden me that wasn't fulfilled by running a home. As a child, I had fun because I hadn't yet become a specialist. I wrote stories, painted, played baseball, did whatever I had an urge to do. When I became a homemaker, I let housework take up most all my time and soon began to hate it. The many-sided child in me, the hidden me, gasped with boredom.

Some friends of mine pointed the way. In the middle of spring cleaning, Mary took time out to attend an art class an hour a day. It gave her creative side an outlet and she didn't resent the routine in her life so much. So I sat down one day when housework galled me more than usual and started writing a story. Now I earn my pin money by selling the things I write in the hour a day I allow myself. And I no longer hate housework, because it doesn't smother my hidden creative self any more.—*Frances Fowler Allen, Springfield, Illinois.*



I rearranged my house for greater working ease—and found uncluttered organization and convenient arrangement made keeping house much easier and more pleasant. My kitchen got the greatest overhauling. I rearranged until commonly used utensils and supplies are within easy reach of where they're needed, and seldom-used items are on upper or out-of-the-way shelves.

I even revamped my meal plans to dispense with many time-consuming dishes and to include more quick dishes made with prepared mixes and canned and frozen foods. —*Mrs. James C. Wyman, Minneapolis.*

More on page 174



Briggs exclusive Safety-Bottom bathtub—perfect protection for every member of the fam



Busy mothers take note

Here's a bathroom that not only saves you plenty of carting-and-carrying now—but a world of work for years to come. That wonderful Briggs Beautyware tells you why! For Briggs plumbing fixtures are famous for their *quality* and *permanent beauty!* Long after baby's bath has been replaced with a lavatory-vanette or dressing table . . . Briggs stainproof porcelain enamel and tarnish-proof chromium plated fittings will still be just as easy to clean, just as smart and *new looking* as the day you bought them! Your local plumbing dealer carries Briggs Beautyware—moderately priced to fit the most limited "family-size" budget. See him today . . . and for other special decorating ideas, write for free bathroom planning booklet. Briggs Manufacturing Company, 3007-d Miller Ave., Detroit 11, Mich.

BRIGGS
Beautyware
PLUMBING FIXTURE



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*Gorham "Strasbourg"**



"...you see your table set with solid silver..."

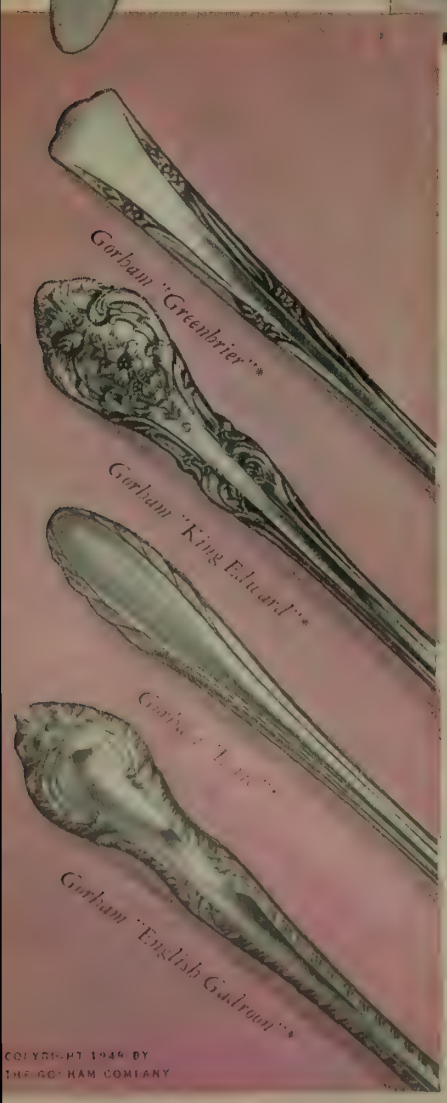
"Can Mommy come in now?"

YOU WALK IN...expecting paper hats and streamers and a cake that says "Happy Birthday." Instead you see your table set with solid silver, and for a moment, you want to cry. In that moment, you remember when you were promised a complete set of Gorham someday...you remember your first two place-settings on the card table, with candles and flowers. And now from deep inside, you smile...because you know how much you are loved...

Fine silver means so much to a woman. Even a few place-settings of matchless Gorham Sterling are your proud proclamation to the world that *your* home and *your* marriage are forever. You know that your Gorham Sterling actually grows more beautiful, as you use it every day, at every meal... that however your world may change, your Gorham pattern will always be in perfect harmony. For example, Gorham "Strasbourg"* (shown above) is authentic Louis XV...excitingly rococo in spirit, yet tastefully restrained in execution.

Buy Gorham* Sterling in units of six-piece place-settings, costing about $26.00 (Fed. tax incl.), depending on which pattern you choose. Send for illustrated book, "Entertaining—the Sterling Way," 10¢ (outside U.S.A., 40¢). The Gorham Company, BHG-45, Providence, R. I.

*TRADE MARK



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Gorham
STERLING

AMERICA'S LEADING SILVERSMITHS SINCE 1831

It's NEWS to Me!

By Gretchen King



Steam iron and dry iron all in one, the new *Steam-O-Matic* has a built-in funnel for easy filling. The same thermostat sets the heat for steam and dry ironing; the amount of heat regulates the amount of steam. The iron furnishes a steady flow of steam, even when standing on the heel rest for steaming velvet. Made of stainless steel, the iron weighs only 4½ lbs., is quick-heating and corrosion-resistant. *Rival Steam-O-Matic Iron*, $19.95, in stores only. Rival Manufacturing Co., Kansas City, Missouri.



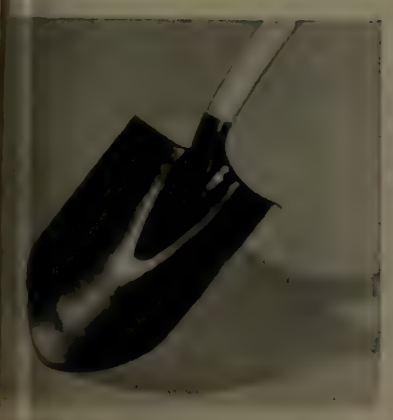
Convertible cart switches from laundry cart to serving cart. Frame is aluminum with satiny finish. Laundry bag of heavy white canvas snaps on and off with rustproof snaps, gives you a hamper 22"x13" x11¾" to hold clothes from the wringer, wheel them to line and back. Unsnap the bag and replace with bright red serving tray, 28¾" x20¾". Frame rolls on rubber-tired wheels, folds for storage. *LaundrAid* with *Accessori Top*, $10.95, in stores or ppd. Engineered Products of California, 146 Hill St., Santa Monica, California.



Sink trap comes equipped with a hydraulic piston to keep drain and trap free from grease accumulation or other obstruction. As the pump is moved up and down, it sets up a two-way action of water that breaks up and flushes away the obstruction. Available in all standard sink-trap sizes and shapes. *Drainmaster* trap can be installed on either city-water or septic-tank systems. At dealers only, $6.75 and up. Telmor Products Corporation, 1910 W. Lake St., Chicago, Illinois.



Pattern marker saves you time in your sewing by marking darts and perforations on both sides of the material at the same time. Eliminates turning the pattern or making tailor tacks. Plastic marker lies flat on table under material; holds colored transfer sheet for marking lower fold of material. Colored pencils for marking top fold match transfer sheets in color. *Speed-e Under-Marker* with 9 transfer sheets and 3 pencils, $1, in stores or ppd. Sewing Products Company, Box 1434, Cincinnati, Ohio.



Garden shovel is scaled to size for ordinary garden work, but retains all the strength of heavy-duty shovels. Blade is 10" long, forged in one piece with the socket that fits into the 3½-foot handle. Low handle lift speeds digging and transplanting. *Speedy Garden Shovel* is about $1.80, in stores only. The Union Fork & Hoe Co., Columbus 8, Ohio.

More News on next page



Here's the floor you've been waiting for!

It's new! It's plastic! It's made of "Vinylite"!

Your floor covering dream of a lifetime come true! Less work for you, more beauty for your home with FLOR-EVER, the new, wonder floor covering that practically eliminates upkeep — takes top honors for long wear! Made of especially formulated Vinylite Brand Plastics—it gives you these revolutionary features: It's stain-, spot-, and alkali-resistant, grease- and water-proof, *quiet* and resilient to the step. Clearer, brighter colors go right through to the backing. It's practically priced, to suit your household budget. If your favorite store does not yet have FLOR-EVER, write for the name of your nearest dealer.

DELAWARE FLOOR PRODUCTS, INC., Wilmington 99, Delaware

Also manufacturers of "Wall-Ever" Plastic Wall Covering and "Duralin" Enamel Floor Covering



OLSON RUG Magic
and Your Old Rugs, Clothing
Save You up to ½

Solid Colors ←

Tweed Blends —also GREY ←

It's All So Easy!
Write today for the beautiful FREE *Olson Rug Catalog and Decorating Guide* in full colors that tells how your **Material is Picked Up** at your door and sent at our expense to the Olson Rug Factory, where,

Authentic Early American designs ←

by the famous Olson Re-Weaving Process
we shred, sterilize, sort, merge and reclaim the wool and other valuable materials in worn carpets, rugs, clothing of all kinds; then steam, picker, card, comb, bleach, spin, redye and weave lovely, new . .

Exquisite Embossed Effect ←

Deep-Tufted, 2-Sided Broadloom Rugs
with the beauty and "feel" of "luxury priced" rugs at *Half* the cost. *Sizes for all needs*—up to 16 feet seamless, *any* length. Choice of:

Solid Colors
18th Century
Early American
Tweed Blends
Two-Tone
Texture
Florals
Ovals
Oriental Designs

18th Century Loveliness ←

FACTORY-To-You!
We do not have agents or sell thru stores. We guarantee to please you or pay for your materials. Nearly 3 million customers. Read praise from editors, customers everywhere.

Olson Rug Co.
Chicago New York San Francisco

REVERSIBLE for Double Wear and Luxury

FREE *Catalog in Colors*

Tear off and Mail this Coupon or a 1c Postcard to:—

OLSON RUG CO., Dept. N-22, Chicago 41, Ill.

Please mail the Money-Saving Olson Rug Catalog FREE to

Name.....

Address.....

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Celebrating Our 75th Anniversary

It's NEWS to me!

Begins on preceding page

How to control a clothesline: *Linetite* slips onto line, twists line to desired tightness, then hooks across line to hold tension. Takes the slack out of lines even while clothes are drying. Nickel-plated metal with red wooden handle; *Linetite* is 35c in stores or 3 for $1, ppd. Stageberg Manufacturing Co., Inc., Box 95, St. Louis Park. Minnesota.



Clip Top is your device if you prefer poles to lift clotheslines. It is screwed to the top of a notched pole. Line is slipped into slot and wire lever-action bail clamps down over line so even a high wind can't dislodge it. Aluminum *Clip Top* is 35c or 3 for $1, in stores or ppd. Lindcraft Products, 3520 Wismer Road, St. Louis 14, Missouri.



Utility table of white enamel is designed especially for a portable ironer, may be used for sewing, lunching, or any sit-down work. Chrome-plated extension rods pull out 14″ at each end of the table, push in flush when not in use. Top is 30″x16″; table height, 24″. Lower shelf is only 9″ wide to allow leg room. Table is 18-gauge steel. Rubber-tipped legs may be supplied with casters. *Paramount Ironer Table 44D*, $12.95, in stores only. Paramount Fabricating Co., 1644 W. Lafayette Blvd., Detroit 16, Michigan.



Sprain Sprinkler gives your lawn and garden tailor-made moisture. A turn of the cap at top and you adjust the spray from light fog through mist and up to moderate or heavy rain, whatever the situation calls for. Chrome-plated sprinkler replaces nozzle on standard garden hose; sharp point inserts into the ground. *Sprain Sprinkler* waters a circle 30′ in diameter. In stores or ppd., *Sprain* is $2.95. Sprain, Inc., 6560 W. Diversey Ave., Chicago 35, Illinois.



Drying rack furnishes 22 feet of indoor drying space; extends from chair back to wall or across the bathtub. White enameled bars are smooth and rustproof; rubber tips protect wall or tub finish. In use, rack is 24″x32″, folds in half for storage. *Handee Clothes Dryer*, $1.69 in stores or plus 10c postage. Randall Sales Company, 417 E. Sixth St., Des Moines, Iowa.



Serving table keeps foods hot between courses or second helpings. Top of table is specially tempered glass with imbedded electric heat unit that maintains a temperature of 200 degrees. Entire meal can be served piping hot without trips to and from the kitchen. Frame of cart is tubular chrome, mounted on swivel casters. Lower tray of black enamel may hold extra dishes or desserts, away from heat. Top size is 27″x16½″; cart stands 24″ high, is equipped with 7-foot cord. *Hotable* is in stores only at $59.50. Salton Manufacturing Co., Inc., 74 Reade St., New York 7, New York.



How the low-built Hudson sets the pace in motor-car design



The modern design for '49

You can hear it in university laboratories—in industry engineering departments—around automotive testing grounds!

Yes, science has discovered, and now the whole world knows, that the lower to the ground a car can be built, the more graceful its lines can be made, the better it will perform and ride, the more surely it will handle and the safer it will be!

YET WHENEVER the industry has tried to approach the ideal in a low-built car, *without lowering the interior floor*, it has been necessary to keep top lines high to preserve inside head room, or reduce inside roominess to get top lines down—depriving driver and passengers of important advantages in either case.

But now you are invited to see and ride in the lowest-built car on the highway—the amazing New Hudson that, because of its *recessed floors*, asks neither driver nor passengers to give up anything! On the contrary, this car gives *more* of all the most-wanted things in motoring!

You'll see that this near miracle is accomplished because Hudson is the only car you step *down* into, which permits lounge-size seats to be moved down to harmonize with the new, lower top. You'll find that, as a result, Hudson, which is just five feet from ground to top, provides *more* interior head room than any mass-produced car built today—and still maintains ample road clearance!*

You'll quickly note that Hudson has authentic, low-built beauty because the "step-down" principle is so basically right it frees designers of the need for makeshift styling, enables Hudson to achieve pleasing proportions and symmetric, free-flowing lines that set a new standard for motor-car beauty.

As you take the wheel, you'll sense that Hudson's great power plant gets every chance to perform at its brilliant best; because this car is the lowest built, most streamlined of them all —*the* modern design for '49!

You'll find that, with the lowest center of gravity in any American stock car, Hudson provides a smooth, steady, hug-the-road way of going over all kinds of surfaces, especially on curves, that gives you a world of assurance—a feeling of safety beyond anything you've known before!

The nearest Hudson dealer is ready now to show you the automobile that is so far ahead it is a *protected investment* in motor-car value. Won't you visit him soon? Hudson Motor Car Company, Detroit 14.

★ ★ ★

Only Hudson Brings You All These PLUS FEATURES!

Automatic gear shifting in forward speeds with Hudson Drive-Master Transmission†—shifts *only* when you want, but does all the work . . . your choice, high-compression ***Super-Six or Super-Eight*** engine—the most powerful American Six built today, and a masterful Eight . . . ***Triple-Safe Brakes***—finest hydraulic system with reserve mechanical system on same pedal, plus finger-tip release parking brake . . . ***Weather-Control***†—Hudson's heater-conditioned-air system . . . ***Super-Cushion Tires*** . . . ***Center-Point Steering*** . . . and more than 20 other exciting features on display at the nearest Hudson dealer's.

†*Optional at slight extra cost.*

★ ★ ★

Eight body styles in Super Series and Commodore Custom Series. Super-Cushion tires. Ten rich body colors. Two special colors or five two-tone combinations —white sidewall tires—at extra cost.

**The only car you step down into*

New Hudson

**The many additional advantages in Hudson's "step-down" principle of design are fully explained and illustrated in a booklet available at the nearest Hudson dealer's.*

AMERICAN-Standard

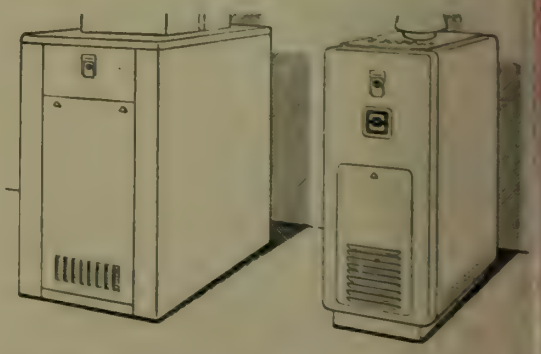
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In April 1948 the United States Senate passed the Federal Aid to Education Bill. That bill—if it had passed the House—would have granted $300,000,000 a year to the states to help grade and high schools. Each state was to receive $5 a year for each child between 5 and 17: and the rest—about $250,000,000—was to go largely to the below-standard schools of the poorer states.

But the House did not act. In January this year the legislation was re-introduced. President Truman demanded its enactment.

Two other pieces of school legislation have been readied for Congress. One would set up college scholarships, the other provide federal money for constructing grade and high schools, possibly for college buildings.

What do these things mean to you and your children? The question is so vital that we have asked Ellis Arnall, former governor of Georgia, and Samuel N. Stevens, president of Grinnell College, to answer.

THAT $300,000,000 GIFT TO OUR SCHOOLS . . .

. . . it means the end of our educational slums

Says Ellis Arnall

The schools belong to children. There are 28 million boys and girls of school age in the United States. Some of them have the advantages of fine buildings, adequate libraries, carefully tended playgrounds, and wholly competent teachers. Most of them do not. Perhaps your children are among the latter.

Five days each week, for more than three-quarters of the year, millions of American children go to school in slums. Their homes may be attractive, but the places where they spend many of their waking, formative hours deserve the phrase a child recently used in my presence: "I don't like to go to that dump!"

We are disseminating illiteracy all over the nation. Americans have a right to travel freely about their country, seeking the kind of place that they want for a home. They are entitled to good schools wherever they live.

The aim of federal aid to education is to make it possible for your child, for every child to have a high-school education in a good school.

Washington and the debates of the United States Senate may be a long way from the school where your child spends five days each week, September until June. They may be a long way from your community. But the decisions made there decide the kind of neighbors you have and the kind of playmates your children have [*Turn to page 303*

. . . the beginning of federal control of American thought

Says Samuel N. Stevens

I do not argue against use of federal funds under state control for elementary education, which is the purport of the Thomas Bill.

America has had a profound conviction that knowledge was the sure highway to a good life; that without universal education there could be no enlightened citizenship, no democratic society, and no American dream.

Most of us believe there should be equal educational opportunity for all boys and girls regardless of where they live, their color, their religion, or their economic condition.

But how should such educational opportunity be equally distributed and under whose direction?

There is a most vociferous group who look to the federal government. With them the Thomas Bill is not the end. They agitate for the federal government to enter directly into the field of education and to assume responsibilities for the intellectual development of youth from kindergarten through the university.

The federal government must *not* be permitted to enter directly into the management of our educational system. If there were no other way of achieving equality of educational opportunity, I would rather forego equality than to attain it at such a price. Traditional social and political values are always in jeopardy when a [*Turn to page 200*

The man next door will envy you





Photographs: Suter, Hedrich-Blessing

White adds zest to reds and yellows

Crimson peonies with white and gold iris will give you a great blaze of satisfying color through late May and early June. If to be looked at from distances of over 50 feet, set enough of each iris variety to make a clump of solid color 30 inches across. Unveined whites and yellows give best landscape effects. Two Felix Crousse peonies spaced 36 inches apart at the start splash the red into this northern Illinois border.

Brilliant blues team with reddest roses

Here's how to group some of your finest perennial flowers for mid-June. Set red roses, hybrid teas or floribundas, in front of your best delphiniums. Or move in the delphiniums if your roses are already established. Note how they compliment each other in height, too. For a foreground nothing could be prettier than this new perennial Anchusa Blue Stars. Mrs. Miniver, a hybrid tea, is the rose pictured here.

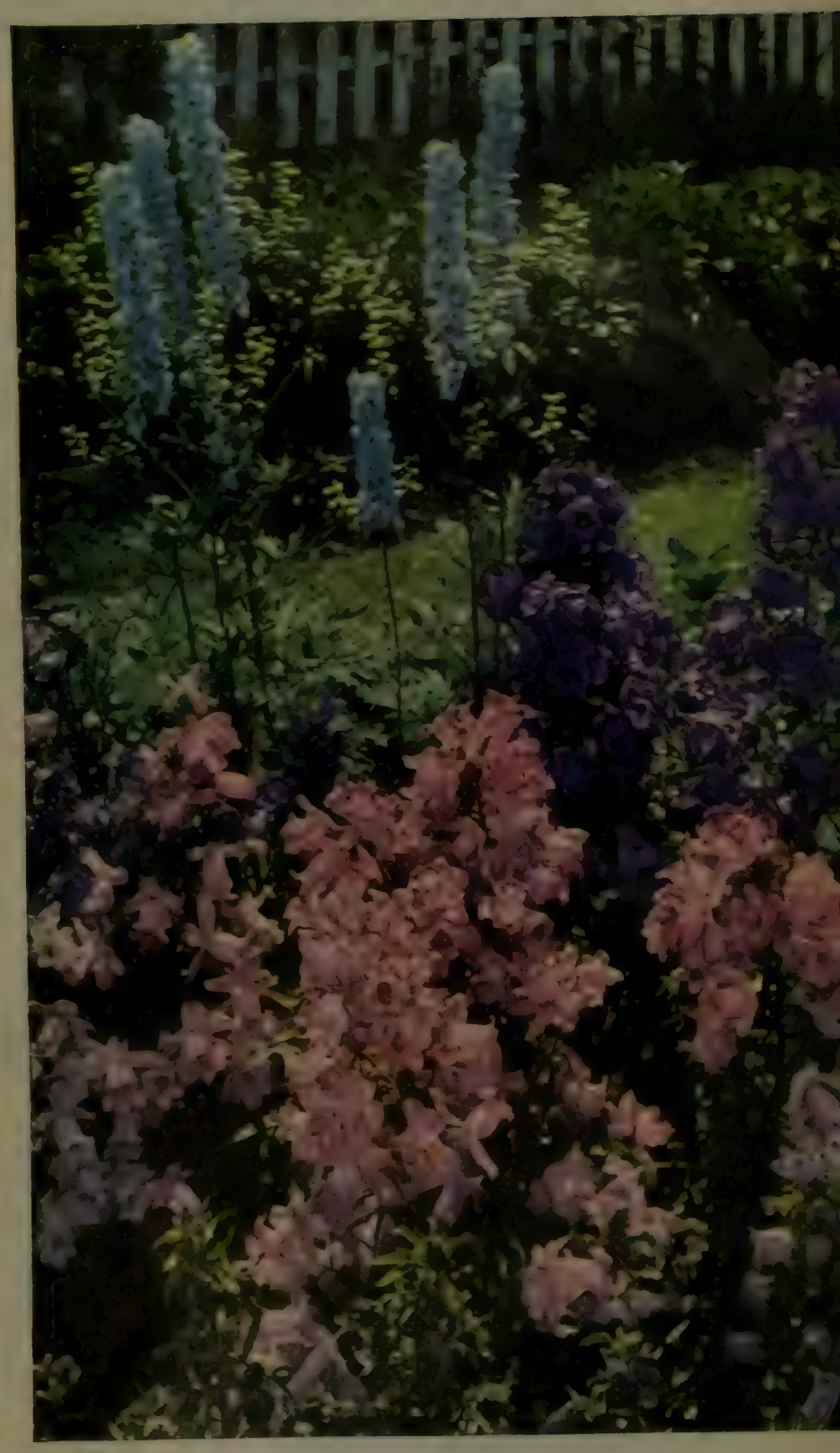
Prove you're a showman. The secret of smash color effects is not in what your flowers cost, but in which stands next to what

By Fleeta Brownell Woodroffe



Contrast in shapes add extra punch

Challenging as a bugle call is this trio of hardy, long-lasting perennials showiest from late June until well into August. The triple-decked yellow daisies are formally listed as Heliopsis Summer Gold. The clustered spires belong to Lythrum Morden Pink, with delphiniums at left rear. Snip off spent flowers, and you'll keep new buds coming on for weeks. Plants of all three can be divided after they've taken on size.



Blended colors need contrast in height

The whimsical cup-and-saucer flowers of Canterburybells get a smile from everyone. If you're lucky enough to have plants, or can get them, space them 15 inches apart in a sizable group where your bluest delphiniums can soar rocketlike above them. Prompt removal of each faded flower with thumbnail and forefinger will keep an opal-colored mass of these handsome bells good-looking for a month.



Lilac. Brighter and bigger bunches of bloom than the old-time lilacs ever bore mark the new lilac hybrids. These hybrids also make stocky bushes, are just right for planting at house corners and to back up sunny flower borders



Forsythia. Among the earliest shrubs to bloom, forsythias open with the daffodils. Their slender arching branches make fountains of gold if left to grow freely, but also look well when pruned. Grow early and late kinds

Plant flowering shrubs for

Most bloom–least work

By Leslie MacRae

Either way you look at it, flowering shrubs give you a plus. The flowers are a bonus if your first need is for a hedge or greenery about the house to soften hard lines. Their foliage and good outlines are a big extra if your main aim is to have a display of flowers held up where they show best.

The 20 flowering shrubs described here are dependable performers. Each on its own will give you a good show for several weeks. You can have the colors you prefer. All in this list can be planted this spring. All start flowering young. They require practically no attention after you see that they're started well. Yet each has some special charm, or season of bloom that puts it on this selected list.

Pink to red flowers

Weigela in several varieties bursts out into a profusion of soft crimson and light-rose flower-trumpets in early summer. Weigela Vandicek's red flowers start almost at the ground. Like the variety Bristol Ruby, it also repeats satisfactorily with bloom in the fall. Both are excellent as specimens in full sun, or as a background for blue iris and good blue, fall asters. Not for excessively parched locations.

Pink Double-flowering Plum. This showy 4- to 8-foot shrub quite covers itself in tulip time with soft light-pink blooms shaped like tiny roses. Needs full sun. Can be grown as a small tree, with early blue flowers crowded close beneath. Maintain only the original stem, no sprouts.

Daphne Somerset. Low, sweet, and early is the show made by this daphne's load of small light-pink flowers. The rest of the year it somewhat resembles low boxwood in its outlines. Inclined to be evergreen. Fine for massing below windows, it's a shrub that goes well with houses of both traditional and modern architecture.

[*Turn to page 282*



Flowering quince. Improved forms with coral, apricot, even white, flowers have multiplied the charm of the older "burning-bush." Foliage comes early, persists late. Make good hedges. Supply branches for cutting early



Althea. For late summer bloom, plant the shrubby althea or hibiscus. Celeste, the near-blue pictured, is one of the best. Grown with the white one, Snowdrift, it gives welcome color planted singly or as a tall, fairly slim hedge



Mockorange. For armfuls of sweet-scented flowers at the very time June weddings and graduations are the talk of the town, nothing exceeds the production of the mockoranges. Belle Etoile, pictured, is one of the best



Azalea. Like enormous bouquets, azaleas are the most brilliant of the hardy early-flowering shrubs. Most widely and most successfully grown are Azalea mollis and its hybrids. Colors run from buff to orange-scarlets



When you plan your house,

Build into your setting

By Ethel McCall Head

The best looking house you can build is one that seems to have been designed specifically for its lot. The setting can be a background against which your house will stand out. Or the house can be designed to blend into its setting.

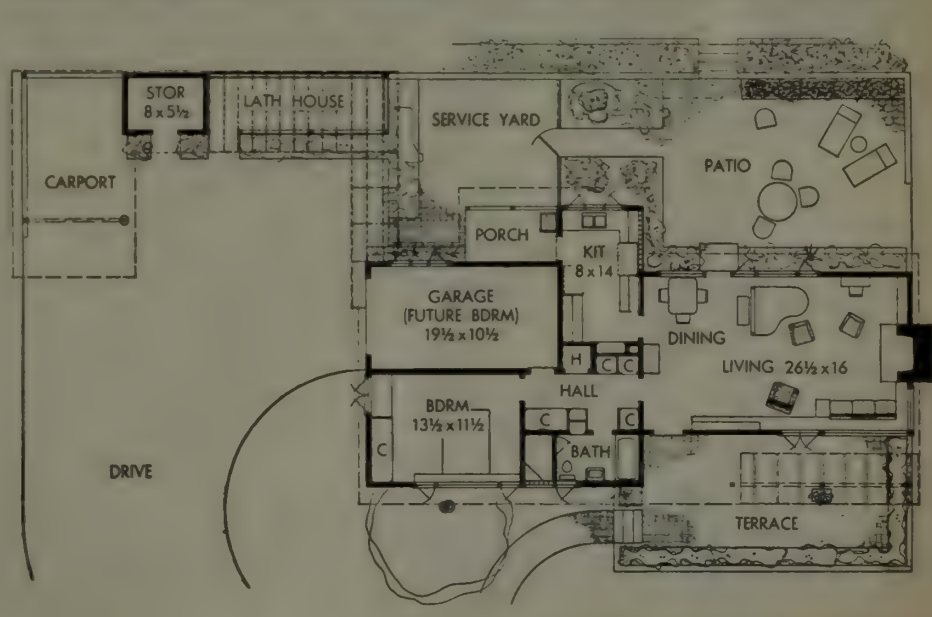
The Pasadena home of Mr. and Mrs. Hayes C. Schlundt, is an excellent example of a house that blends into its setting. It is built of the materials that form its background—its natural wood siding blends into the earth and brush, the rough wood shingles repeat the texture of the leaves; the dark bricks of the chimney are inconspicuous in the shadows of the trees. From the street, only the white trim attracts your eye to the house.

The shape of the house as well as the material used must be considered in making the house either stand out from, or complement, its setting. A two-story house on the Schlundt's lot would have looked out of place. Their one-story ranch-type home adds height and grandeur to the eucalyptus trees on the lot, and its lines harmonize with the easy slope of the hills behind it.

Interior materials, too, carry out the harmony with the setting. The same redwood and touches of white are used again. The brickwork is the same natural color, but has a different pattern; the long, thin bricks emphasize the height of the studio ceiling in the living room. The plywood of the built-ins is coated with clear shellac, and emphasizes the simplicity of other finishes used in the Schlundts' home.



Here is a house perfectly suited to its setting. Slope of rough shingle roof matches slope of hillside beyond. Outside skylight lets sun through, raises eave line so corner windows can be bigger. High-silled windows in bedroom and bath afford ventilation and privacy at the same time. Low brick wall accents lines of the house



Photographs: Julius Shulman



Terrace at rear is sheltered by a hill and the house itself. Note how redwood exterior and plantings match surrounding vegetation. Door opens directly from living-dining area

House fits into an elbow between two hills. The blending texture of the wood shingle roof and redwood board-and-batten exterior would camouflage the house in its setting except for the startling contrast of white trim. House's ground-hugging lines let the trees cast shadows naturally over the house

More on page 248

NORTHERN ROUTE 12 Days From Colorado Springs to Mt. Rushmore

CENTRAL ROUTE 12 Days From Colorado Springs to Pueblo

SOUTHERN ROUTE 13 Days From Colorado Springs to Pueblo

Chateau

Great Falls

Helena

Three Forks

Billings

Sheridan

Rawlins

Salt Lake City

Grand Junction

Durango

Gunnison

Denver

Colorado Springs

Cañon City

Pueblo

Cortez

Monte Vista

Williams

Gallup

W

E

S

NORTH DAKOTA

MONTANA

WYOMING

SOUTH DAKOTA

NEBRASKA

UTAH

COLORADO

ARIZONA

NEW MEXICO

KANSAS

OKLAHOMA

TEXAS

ROYAL GORGE

Joe Eastman

How to see the Rockies in 2 weeks

By Fred Bond

Horace Greeley wasn't necessarily thinking of your family when he said, "Go west." But few suggestions offered since will be more helpful when you ask yourselves, "Where shall we spend our vacation this year?" If you have ever visited any part of the vast scenic wonderland of which the Rockies are the backbone, you will want to see more of it. And if the Rockies are new to you, any one of the three trips I'm suggesting will prove as memorable a vacation as your family's ever had.

Northern Rockies

The northern trip covers much of the more rugged areas in the Rockies. You are on top of the world in Colorado; at the Tetons you feast on some of the most spectacular mountain scenery on earth; Yellowstone packs more unbelievable phenomena into 2,213,000 acres than any known area of equal size; Glacier is carved from solid rock on a scale so massive it's hard to believe; Mt. Rushmore will give you an emotional lift you'll never forget.

Central Rockies

This trip's set up so you can spend a maximum of time in Rocky Mountain National Park. It allows you time for unhurried sight-seeing, hiking, and plain loafing which you'll find as invigorating nowhere as in the high country of the Central Rockies. The rest of it is just sight-seeing of the sort that leaves you breathless.

Southern Rockies

No other 2,000-mile trip contains as much variety and as great scenic contrasts as this one. You pierce the heart of the Rockies, see Great Salt Lake, the fairyland that is Bryce, the tremendous rock walls of Zion, the earth's most spectacular gash at Grand Canyon, the Petrified Forest, the Painted Desert, ancient cliff dwellings at Mesa Verde, and the world-famous Royal Gorge.

When to go

All high mountain passes on these routes are normally open by June 15 and until around October 1. If you like plenty of snow, go in late June. Avoid Rocky Mountain National Park and Yellowstone on holidays. Accommodations are too difficult to find.

How to get there

Each of the three trips is planned for an average family, traveling by car. However, all of the major points of interest can be reached by rail, air, or bus or some combination of them. Regular tours are conducted through western national parks. If you do drive, you can estimate how long it will take to reach Colorado Springs (starting point for all three trips) by figuring 400 miles a day. All roads on main routes are hard-surfaced. The mountain roads are wide, with moderate grades, and safe.

Where to stay

Motor courts and motels are plentiful. Hotels and lodges are generally good, especially in the national parks. The daily schedules stop you where facilities are ample and dependable, but you should plan to reach each day's destination an hour before dark. If you want to make advance reservations or to know something about a place before you stop, take along a hotel or motor-court directory. For information on national parks there is a check list in the February issue of *Better Homes & Gardens.*

What will it cost?

Allow 3 cents per mile for your oil and gas. Lodging for two will run from $3.50 to $6 per night; for four, $5 to $8. Meals per person per day $3 (a little less for children). Incidentals $3 per day per party. Two people can make any one of the trips from Colorado Springs for $250; a party of four should get by under $350. Of course, you have to add on what it costs you to reach the Rockies from your home and to return.

Now—which trip for you?

For descriptions of the major attractions, the kind of country each trip covers, and side trips that are worth extra time if you can spare it, see page 230 (Northern Rockies), 232 (Central Rockies), and 234 (Southern Rockies). One of these three vacations is made to order for your family!

Allow this much time to get there



To figure driving time to the Rockies from your home, use zone map above. Each ring indicates an additional day's motoring to Colorado Springs

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Travel photographer Fred Bond knows the Rockies as few men do. He traveled more than 200,000 miles by car before writing "Westward How!" a 324-page lavishly illustrated travel guide of the West for vacation-minded American families. Like this article on the Rockies, "Westward How!" (Camera Craft Publishing Company, San Francisco, $6.95) gives routes and scenic highlights throughout the entire western half of America in mile-by-mile, down-to-earth detail, with pictures by the author.

Northern trip—page 230 ***Central trip—page 232*** ***Southern trip—page 234***

With its trim looks and conventional lines, this little house fits into any neighborhood. As shown here, it has a wood shingle roof, brown-stained clapboards and white trim

Here's the house you asked for—a Five Star home that is

Low cost and livable



Living-dining area occupies half basic rectangle of house. Details are effectively plain—simple molding around fireplace, recessed shelves, big window which is duplicated at other end of room

Photographs: Robert Cleveland



Breezeway links kitchen with garage, is conveniently placed for cool summer suppers. You can glass it in for use as a sunporch in winter, or use it as a supervised playroom the year around

Over all dimensions: 62 by 23 feet
Architect: Henry Dysland, Richmond, California
Owners: Mr. and Mrs. R. J. Mueller, Madison, Wisconsin



By John Normile, A. I. A.

The home you see on these pages was chosen as *Better Homes & Gardens* Five Star Home No. 1904 not because it's the cheapest house you can build. It isn't. But it gives you as much livability for the price as any you will find.

Why?

You save money in three ways. You save because the major part of the house is a simple rectangle—the most economical shape to build.

You save because the roofs are kept as simple as possible—every extra ridge or valley in a roof costs more.

You save because standard lengths of lumber can be used throughout the house—you use every foot of lumber you buy, throw away none.

This isn't a large house; it has only 866 square feet of first floor space, plus an 8½- by 12-foot breezeway and a garage. Its livability comes not from its size, but from its arrangement of rooms.

In the usual four-room house, all rooms are jammed into a rectangle—jammed until no room is large enough to be practical. Here, however, Architect Henry Dysland has put only three rooms in the rectangle, giving you a 22- by 12½-foot living room, one large bedroom, a small bedroom, and a bathroom large enough to move around in.

The kitchen is in a wing by itself. It has its own eating space, and also is conveniently sandwiched between the breezeway, where you can eat in hot weather, and the dining area.

Off the kitchen are stairs to the basement, where are the furnace, laundry equipment, a fruit room, space for an 11- by 29-foot recreation room, and 170 square feet of storage space. The entrance hall and coat closet are built over the basement stairs.

Though there is no separate dining room, the location of the entrance hall and doors to the kitchen and bedroom hall tend to separate the living and dining areas. Placing the fireplace opposite the entrance emphasizes the living portion, leaves wall space for a number of furniture arrangements. Placing the door to the bedroom hall across from the kitchen door puts the traffic lane between the living and dining ends of the living room, separating [*Turn to page 205*

You can buy complete plans for any Better Homes & Gardens 5 STAR home

Heated by the sun

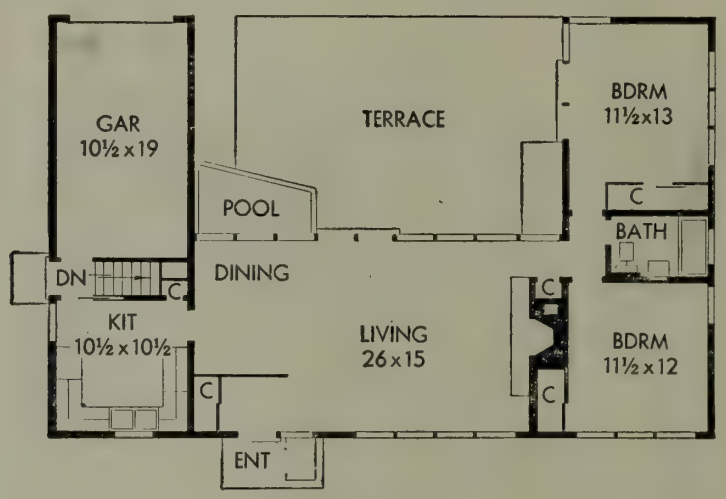
There's a forecast of the future in the way this unusually designed home controls solar heat



From street, the Myers' house looks conventional. All windows are top-hinged, and fit well into the pattern of batten latticework at the corner of the house



Rear wall drops straight down from ridge line between garage and bedroom wing. Through this glass (pictured before louvers were up) house gets solar heat



By Ann Peppard White

Solar heating isn't new. Inhabitants of Trinidad and the Caribbean islands have used the sun for heating for centuries. But the problems of using the sun to heat your home are more complex in northern climates.

To prove that the problems can be solved, Architect Ralph Myers designed and built a solar home for his family in Kansas City, Kansas. And in designing it, Mr. Myers not only had to provide a solution to solar heating, but answer the demands a housewife makes of her home.

Here is the story of that home—told by Mr. Myers from the viewpoint of the architect, by Mrs. Myers (page 258) from the standpoint of a housewife living in a solar house.

Mr. Myers: "We started with a sheet of paper, and I made Mrs. Myers write down her needs, so she couldn't change her mind in the middle of the work: plenty of closet space, all rooms on one floor, a fully mechanized kitchen, modern in design but also in the general character of the neighborhood, which is a village of Cape Cod houses, all as alike as a pan of biscuits.

"We have a solar house. One-third of our heat comes from the sun. We placed the house with its back (street side) to the north wind, and with the living room looking into the southern sky.

"The street side is conventional. I placed the awning-type windows high; they let warm air out easily, keep out rain, give us privacy, and don't take up wall space inside the house. Siding is royal-size shingles, and I used ordinary V-grooved siding for the upper part of the walls. Low planting ties the house to the lawn, and a permanent window box under the north windows gives a colorful touch to the entrance. The front door gives a double effect, but only the wood door opens. The ribbed glass is stationary, and adds light to the living room.

"Compared with the front of the house, a straight-on view of the southern exposure is quite a surprise. Here's where the solar unit is installed in our double-ceilinged living room. We both wanted plenty of sun, and I saw no reason why I couldn't use the sun to do part of the heating in winter. We have a furnace, but on clear winter days it idles, though the temperature is near zero outdoors.

"The large south window is divided into two sections. The lower portion is shaded by a horizontal slat-type shade designed to keep sun off glass in summer and to let it come through the glass in winter.

"The upper section is equipped [*Turn to page 258*

Here's how the Myers' louver-controlled solar heating system works

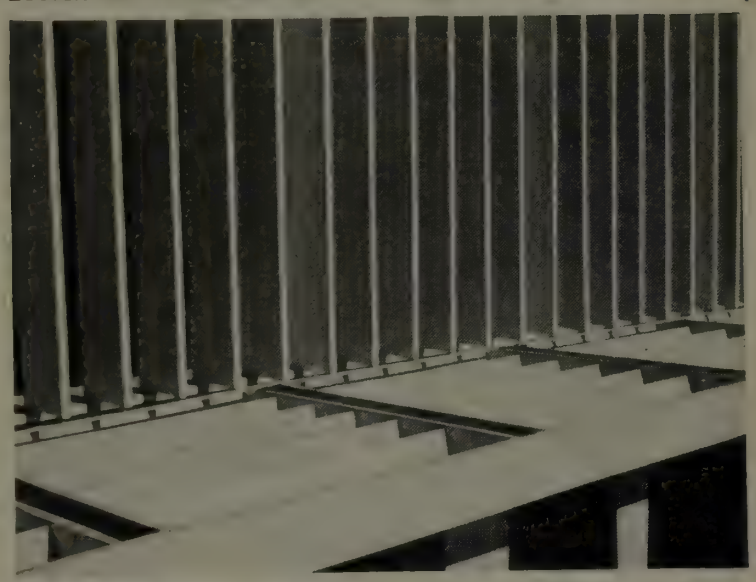
ARCHITECT MYERS devised a system of vertical louvers to control the sun's heat. Bottom ends of louvers are attached by dowels to a horizontal rod (right). A thermostatically controlled motor pushes the rod and turns the louvers. In warm weather louvers turn to let in maximum light without letting sun's rays strike glass directly, or can be closed entirely (above). In winter louvers remain perpendicular to the sun so that maximum heat can be absorbed from sun's rays (lower right). Trellis (below) keeps the summer sun off lower glass panels.

Photographs Hahn-Millard



Trellis shades lower panes

Louvers shut out summer sun . . .



But in winter louvers turn . . .



With sun to admit warmth

Color Schemes

from your carpet

By Christine Holbrook

Gone is *the false idea that your rug or carpet binds you to one color scheme.* We prove to you here that there's new life for that rug or carpet of yours, and a brilliant future for any rug or carpeting you plan to buy.

On the following pages are shown four rugs and carpets that are in many homes today. For each carpet or rug we show two schemes that are built up from the floor covering. Note what has been done in these rooms. You'll find the same furnishings with each carpet, but your marked difference in each room is the color scheme. You'll hardly believe they are the same rooms.

You'll find it fascinating to trace color schemes in relation to the rug or carpet in each room. You'll find it helpful to study the interplay of harmonizing colors, and note the use of such simple things as a bright bouquet, a bowl of fruit, or a cushion as color accents. Such details are the finishing touches to your whole color scheme.

Instead of feeling bound to one scheme, you'll find a number of color schemes suggesting themselves. It will come home to you that with a little imagination you can have totally different, limitless color schemes as the old ones wear out, get drab, or boring.

You can refresh your whole room—and discover new life in your rug or carpet—by a change of color in walls, upholstery, lamps, and accessories. For example, you can plan a contrasting color scheme, as shown in the upper picture on the opposite page, or a soft, blending color scheme, as shown in the lower picture opposite.

Flower-patterned carpets that you might have felt restricted you to one plan give you freedom to work a wide variety of color schemes by picking up different colors from the carpet design, as in the room on page 55, with its two totally different color schemes.

To put you carpet-wise: In size, the floor area is second only to the wall area of your rooms, so decide carefully if you want to live with a gay pattern underfoot and plain walls, or the other way around. For example, compare the treatment used with patterned carpeting, on page 55, with the other rooms on these pages.

Plain carpeting makes any room look larger and less busy. With plain carpeting you can choose the boldest wallpaper, draperies, and upholstery, and switch patterns and colors often. The room on page 54 is a good illustration of this. If there are too many jogs in the walls, plain or two-tone carpeting will minimize these flaws.

A figured rug or carpet makes a handsome cue for solid-colored draperies and upholstery. You'll find this illustrated on page 55. Many-colored patterns—in Oriental rugs, Victorian florals, and the new huge-figured rugs—will restrict you to plain and simple stripes in the rest of the room.

A self-tone carpet—a pattern made of two or more shades of the same color—gives you freedom in decorating with figured fabrics.

Textured and sculptured carpets allow as much freedom in the choice of drapery and upholstery patterns as plain carpets.

We would like to know which of these rooms is your favorite. Won't you write to let us know?

Six more color schemes on following pages

If you have a tone-on-tone rug

A tone-on-tone rug (has several shades of the same color) is practical for homemakers with growing families because it doesn't show tracking. And because of its play on one color, such a rug allows great liberty in color-scheming. For example, reds and greens are used here against a neutral wall. Patterns in curtains and wing chair harmonize in coloring, their different designs giving informality to the room.

Another color scheme from the same rug

From the same rug comes this scheme in brown and yellow used with the maple furnishings against a yellow wall. The bay-window wall is made an important feature of the room by painting it in a contrasting color. A throw rug under the coffee table is a practical idea to save wear in this much-used spot and to accent the grouping. Both these rooms have personality and a lived-in look without being cluttered.



Photographs: Pagano, Inc.



Color schemes from your carpet *Continued*



If you have a textured carpet

Secret of the success of this room with all its mixed period furnishings is the use of a carpet with a new textured weave. The soft beige wall-to-wall carpeting makes an excellent background for the play of a contrasting color scheme. Because of its neutral color, beige is a particularly safe choice when your furnishings are pieces collected over the years, or if you believe in mixing periods. Our textured carpet provides a common ground for Victorian, Eighteenth Century, and Modern furniture. Try, as we have, painting walls contrasting colors, and placing dark, rich colors against the light walls or light colors against the dark. Here the draperies become important in the room because they keynote all the colors of the furnishings.



Another color scheme from a textured carpet

Same room but what a change has been effected in our color scheme by repeating the beige color of our textured carpet on one wall and painting the other the new deep blue of which you will be seeing quite a lot. Beige wall becomes a perfect foil for the brilliant rose of the slipcovered sofa. The sofa's bright color is essential to give warmth and to balance the deep color of the other wall. Light draperies and Victorian chair painted white bridge the sharp contrast of the walls; note how the covering on the Victorian chair and the side chair repeat the blue of the wall in the room. Clever wall decoration is the use of ivy plants, their depth of color repeating the beauty of the light wall.

More color schemes on next page

Color schemes from your carpet *Continued*



If you have a plain carpet

LEFT: For a room where you wish to combine pattern and a textured weave in your furnishings, a plain carpet is always a wise choice. However, that doesn't mean that you have to be conservative in your choice of colors. See how we have used a brilliant green in the carpet and combined other contrasting colors with it.

LOWER LEFT: Here a new color scheme with radical change is worked out with the same green carpet. Still held is the same color in the breakfront to pick up the rose in the draperies and plaid chair. Since there is pattern in the draperies, we have slipcovered the sofa in plain material.



If you have a colorful patterned carpet

ABOVE RIGHT: The figured carpet, a worksaver and a well-known camouflager of footprints, gives a wide choice of color schemes, but simplicity is the secret. Pick one color from the carpet and let it dominate the room. Here it is blue-green on walls and sofa, relieved by brilliant touches of harmonizing red and yellow in other furnishings in the room.

RIGHT: Proof again that your practical figured carpet can offer you a variety of color is this totally different color scheme. Against soft brown walls, rose picked up from the carpet is used as the dominating color in curtains and sofa. Clever touch is the striped material on armchair and ottoman that repeats all the colors of the room, even to the blue of the bookcase lining.

Where to get it, page 299





Ways to use odds and ends of dishes

- **Do you have odds and ends of old family dishes you would like to use?**
- **Is your best set of china incomplete?**
- **Have you broken some cups, can't replace them? Pictures show you what to do.**

By Fae Rowley

You dropped another cup last night? We can't put the pieces back together again, but we can show you how you can use your odd cups and saucers.

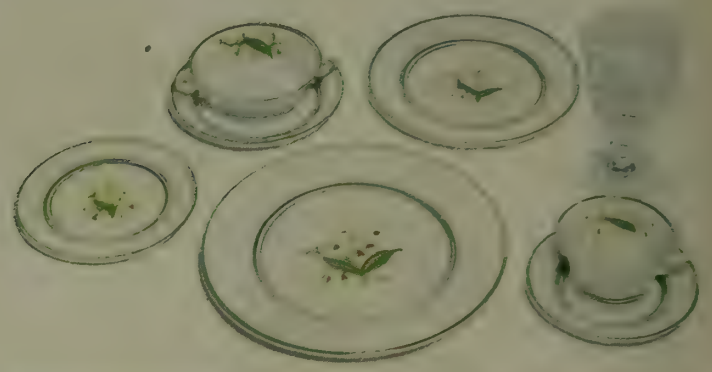
Dishes don't have to match to make a beautiful table. The pictures on these pages prove that.

The secret is to keep a dominance of one *color* and *kind* of dishes, using the odds-and-ends dishes as *accents*. China, pottery, and earthenware, you'll see, can be successfully combined if they harmonize in color.

If you're thinking of buying a new set of pottery, be sure to choose a color that will go with the dishes you already have. So you can use them together—third column. If your best set of china is still incomplete—first column,—you'll find other dishes to fill in. It's a game of mix 'em and match 'em—a game that makes table setting more interesting for you and for the folks who come to dinner.

Where to get it, page 299

. . . if your good set of china is incomplete





If you have just the dinner plates in your good china—or happen to have an odd set of dinner plates—use butter and salad plates, cups and saucers in pottery or earthenware that repeat a color in plates



Here you have the dinner and butter plates, but otherwise haven't completed the set. To fill in, look for one of these green-leaf pottery snack sets. It will harmonize with most any kind or color of dishes

Photographs: Stanley



Your china service is short the soup bowls? Pastel pottery bowl shown here accents design in the china. Look for color that matches decoration on the plates. Inexpensive salt and peppers match bowl

. . . if you have an incomplete set of earthenware





If dinner plates are all that's left of your old blue dishes, don't stow them away on the top shelf. Look for an inexpensive ruby glass salad and beverage set. Ruby red and blue complement each other

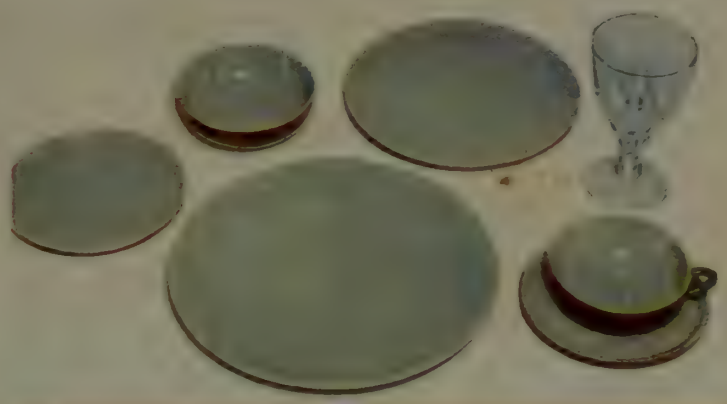


Here's another solution. Plain white earthenware dishes that match the white in the blue dishes will supplement the items you can't get. Note how plainness of the white enhances the highly designed blue



If most of the cups in the blue set are broken, you can use white cups on blue saucers. Just be sure to use another plate or two in the same color and design as the saucer. Dinner plate is white earthenware

. . . if you would like to use china and pottery dishes together





Your two-toned pottery set gets an accent note here. The floral design salad plate has colors which match the underside of the pottery. A clever way to make use of an odd set of gift salad plates



In this setting an exquisite china plate in unusual color and design is the main attraction. To enhance it, use your two-toned pottery set —butter and salad plates, salad dressing pitcher, and cup and saucer



Odd dessert or salad plates and cups and saucers can be used with pottery providing there's color harmony. Leaf green ties most colors together. See how effective green is here and in picture at far left

Better Homes & Gardens announces

the winners in the fourth

More Beautiful America Competition



The fourth More Beautiful America Competition of *Better Homes & Gardens* has been judged and the winners selected. Although this is the fourth such competition, judging each one has always been a deep and revealing look into the heart of America.

You don't get the soft speech of the South, the twang of the Maine "down easter," or the long drawl of the plains in the scrapbooks of pictures and clippings which are presentations in this competition. But you get the same feeling of a great and varied nation when you look over these photographs and find a palm tree, a white New England church or a Rocky Mountain peak in the background.

You get something else, too, from these stories of how people in all sections of the United States took a good look at their home towns and then decided they could improve on what they saw. It becomes very plain that all Americans share the same desire to live in a better community.

But the desire for improvement is only part of the story. Each organization which entered the competition turned a wish into action and an idea into accomplishment. The result in every case was a step toward a More Beautiful America.

There is little in common among the winners of the competition just ended except that each one of them was able to see something that needed doing—and then went ahead and did it. Entries—and prizewinners—came from cities as large as Portland, Oregon, and Cleveland, Ohio, and as small as Macclesfield, North Carolina, which has a population of 367.

The Grand Sweepstakes prize goes to the Woman's Club of little Macclesfield. The amazing story of how these women got their town to overhaul itself from one end to another will be told in a later issue. It is a story that should be an inspiration to all of us, no matter where our home towns are.

Other prizewinners planned and planted memorial gardens, beautified highways, made parks and playgrounds—all of them did something that beautified and improved their communities. *Better Homes & Gardens* is proud to have a part in accomplishing so much, and happy to award the following prizes:

Sweepstakes winner
Macclesfield Women's Club, Macclesfield, North Carolina $1,000

1st place, cities over 100,000 population
The Cleveland Rose Society, Cleveland, Ohio $1,000

1st place, cities of 10,000 to 100,000
Norwich Rotary Club, Norwich, Connecticut $1,000

1st place, communities under 10,000
Macclesfield Women's Club, Macclesfield, North Carolina $1,000

More winners on page 189

A new competition *to make your home town a place to brag about*

Better Homes & Gardens announces its fifth More Beautiful America Competition to help Americans make their communities better places in which to live.

Rules

1. Any civic, religious, fraternal, or industrial group may enter the competition.

2. The beautification must be civic and permanent in character and of benefit to the whole community.

3. The basis of the award will be solely upon the work accomplished between April 1, 1949 and November 1, 1950, as related in an article of about 2,000 words, accompanied by clear "before" and "after" photographs.

4. All material submitted becomes the sole property of *Better Homes & Gardens* and must be eligible to copyright. Contest material bearing a postmark later than November 1, 1950 will not be considered.

5. Judges will be the editors of *Better Homes & Gardens*, and their decision will be final.

Write today to Better Homes & Gardens for entry blank and detailed information on getting your local plans under way.

$6,100.00 IN PRIZES

Cities under 10,000 — 10,000 to 100,000 — Over 100,000
Prizes in each of the three community groups

1st —$1,000
2nd— 500
3rd— 200
} plus *Better Homes & Gardens* Achievement Plaque

4th and 5th – *Better Homes & Gardens* Achievement Plaque

Grand Sweepstakes $1,000



for Meat-Short Meals ,these MAIN-DISH SOUPS

They'll help you feed your family well these budget-trying days!

LOOK FOR THE RED-AND-WHITE LABEL



CAKE *high, light, and handsome*

Baking a beautiful cake is a momentous event in the kitchen.

First the neatly sifted flour, fluffy shortening and sugar, egg whites in a big bowl for whipping—everything carefully measured and blended. Then the awesome moment when you look in the oven to find your masterpiece *has* risen high and golden brown.

Next the deep swirls of creamy boiled frosting or smooth, rich caramel or thick, chocolate fudge—the cake's crowning glory. One last swish with the spatula and you hand the frosting bowl over to the waiting small fry who thank you with an "Mmmmm," then begin to grumble about the skimpy lickins.

The picture cakes are four big favorites. Top left, a burnt sugar cake frosted with thick caramel and covered with chopped nuts. The recipe will tell you exactly how to make the burnt sugar. Top right, a delicate white cake and creamy boiled frosting under moist, pink-tinted coconut. It's easy to tint the coconut—we tell you how in the frosting recipe.

Lower left, light tender pineapple chiffon, pineapple-butter-cream icing. There's pineapple juice in the cake, crushed pineapple in the icing. Lower right, a dark dazzler—a big devil's food cake piled high with seven-minute frosting, trimmed with shaved chocolate. For how to make cakes to match the pictures, see the recipes for both cakes and frostings on page 209.

Recipes on page 209

Photograph: Charles Kuonl



New in the kitchen are the cabinets, equipment, bar, tile, paper. No doors or windows were moved, no structural changes made



The linoleum is old. Removing old cabinets left a vacant space in the corner under the bar. Unable to get matching linoleum to fill in with, Johnston cut enough out from beneath the legless range

Copper skillets, leaf plates, and most other accessories are more than pretties; they're used on the range and table. The old stools had been upholstered in red leather. Johnston enameled the leather, and after seven months' use it shows no cracks or peeling



Color photographs: Hedrich-Blessing

Your kitchen isn't any older than what's in it

By Walter Adams

A kitchen is like an egg. It doesn't matter how new or old the shell is, but what's inside.

If you doubt that, try to guess this kitchen's age.

Not even Myrna Johnston, *Better Homes & Gardens* foods and equipment editor, whose kitchen it is, knows its age. The place was an Iowa farmhouse, years ago. Somebody remodeled it once, before the Johnstons bought it. Now Mrs. Johnston has redone the kitchen again; and though it's the same old shell, the kitchen itself is strictly fresh, country laid.

It's useful to realize this kinship of the kitchen to the egg so that you won't, like so many women, sit in your old kitchen souring because you can't have a new house and thus a new kitchen.

It's useful to realize that with the kitchen, more than with any other room, the house is only a shell, and that the kitchen is just as new, as modern, and as useful as the things you put in it.

It's also useful to realize that sour women are pretty awful.



The 7-foot-long eating bar takes less space than a table, is ideal for workaday mornings, when the Johnstons must eat and then scatter like quail, the elders to their offices, Joed to junior high. First one up gets the cereal and morning paper. After breakfast, while the women are getting their hats, Mr. Johnston stacks the dishes in the dishwasher, turns the switch. When everyone comes home in the evening the kitchen is clean, the dishes ready to use

Kitchen uses odd corners, finds place for things, gets rid of garbage



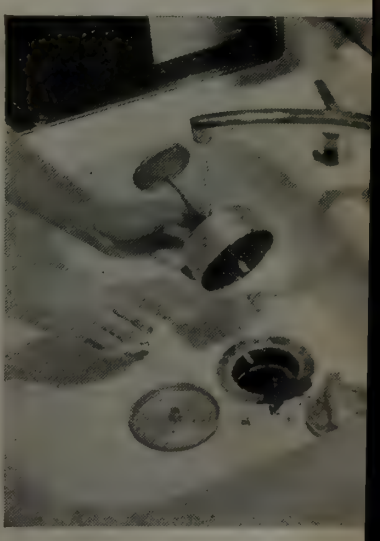
Trays, knives slide into what was seven wasted inches between the range and wall. Vertical rods separate big and little trays



Bulky platters, vases, chafing dishes go into the rarely used area above the cabinets. The doors were papered over, cut free



With no cabinet to fit over the refrigerator, the Johnstons blandly decided shelves for pottery and brass would be smarter anyway



Garbage eater takes even corncobs, ends messy jobs like digging scraps from sink, grounds from pot

More on this kitchen and how it was put together on next page →

Your kitchen isn't any older than what's in it

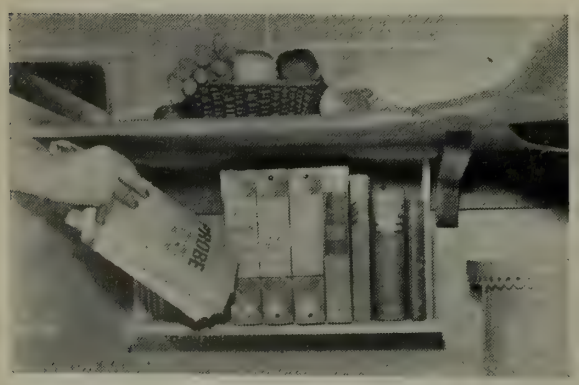
Begins on preceding page



All three Johnstons like food, cooking; none, understandably, loves pot walloping, cleaning up. Now that equipment takes over menial work, the kitchen is a popular place. Dishes are done morning, night



No dinky, always-full wastebasket, this. This one, squared on two sides, is set on casters so that it rolls into the unused corner under the eating bar when not needed. In the Johnston house it holds a week's accumulation of paper, gets emptied Saturday mornings



Here is how you get the morning paper and cook books out of the way. The rack, a plywood top and bottom joined with five quarter-inch dowel rods for each end, hangs beneath the bar where no one sits

The bar and the hinged, up-folding 8-inch-wide shelf beneath become service decks during parties when the Johnstons are pushed for space: soups on the lower deck, salad plates, cups, other dishes on the upper one. Decks are fine for used dishes, too →



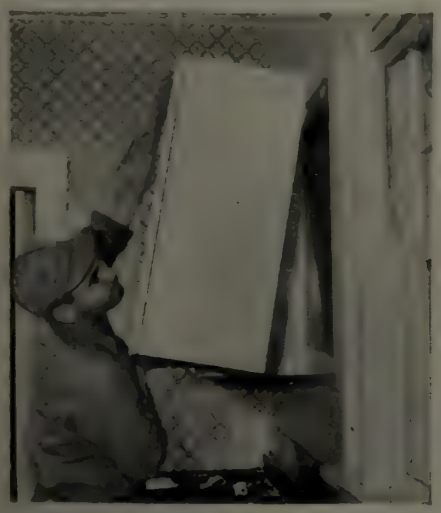
Good soups may be made in an old pot, yes; but the end result of this pleasant kitchen, mechanically equipped to take over much of the dirty work, is that, more than before, the Johnstons share the work. They find the pre-dinner gathering of the clan as warmly companionable as dinner itself, a fact the sociologists will see significant

Eating bar takes little room, develops second deck

Photographs: Marion Pease



The maple top between the range and refrigerator eliminates any further need for a worktable, breadboard, or slicing block, is always out ready for use. The Johnstons find it the most used work spot in the kitchen. Joed, like her mother, often bakes, still uses the rolling pin from a child's set given to her six years ago



Putting new insides in an old kitchen is simpler than you think. Cabinets are hung from brackets screwed onto wall



Base cabinets are just uncrated, slipped into place, screwed to wall. They're leveled up on old floors with wood strips



To fur ceiling down to top of cabinets, carpenter built a simple skeleton of 2x2's, faced it with a pressed wood



Old plaster doesn't have to come off before tiling. Tile setter just nails composition lath to it to provide flat base

How to make

Perfect custard

By Tasting-Test Kitchen Staff

A perfect custard is a perfect dessert—because it's a dessert for *all the family*. And because its ingredients are so simple—eggs, sugar, salt, milk, and flavoring.

Stir custard while it cooks (see pictures at left) and you get a creamy smooth, golden pudding to serve cool in a big bowl or as a sauce for snow pudding, prune whip, or squares of cake. Bake it (see pictures next page) and it's delicately tender, keeps its shape if you want to turn it out to serve sundae-style with fruit or chocolate saûce.

Pictures give you some of the tricks in making custard perfectly and also show you ways to serve it.

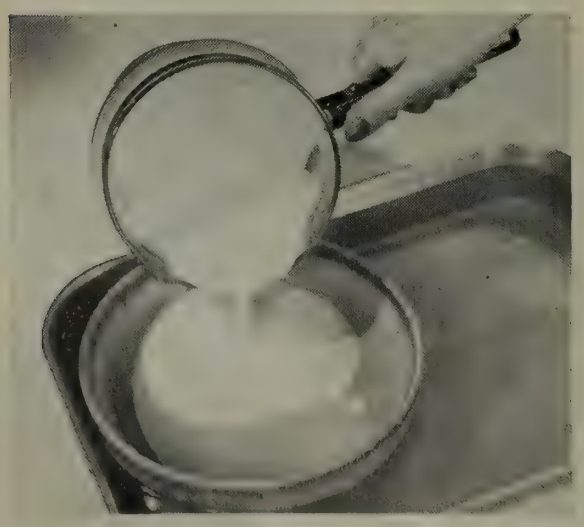
Stirred Custard



Beat eggs until blended, but not foamy. Heat milk to scalding in the top of the double boiler; add sugar and salt. Stir milk into eggs. (Quart measuring cup prevents spatters; holder prevents skidding)



When the custard mixture coats a metal spoon, it's done. Stir constantly during cooking. Hot-but-not-boiling water in bottom pan shouldn't touch top pan. The minute custard is done, add ½ teaspoon vanilla



Pour custard into a chilled serving dish to cool. Here the dish is placed in a pan of cold water. This starts the cooling quickly, and prevents the custard from overcooking. Keep stirring for a few minutes



Old-fashioned Floating Island. Make meringues, recipe on page 247. Drop in small mounds on chilled custard. Polka-dot each island with tart, bright-colored jelly, and serve at once. Meringue may be baked

Baked Custard



Beat eggs, sugar, and salt slightly, then stir in scalded milk. Add vanilla. You needn't scald milk for baked custard, but it does cut baking time by about 20 minutes

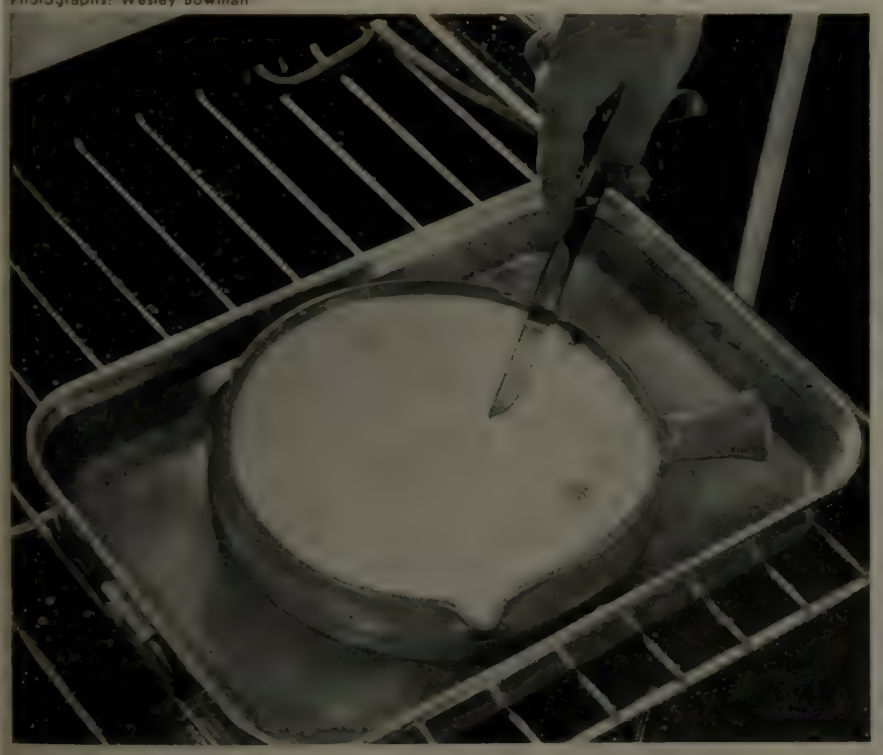


Pour mixture into custard cups and sprinkle with nutmeg. Pour hot water around cups—½ to 1 inch is plenty. Bake in a slow oven (325°) 30 to 40 minutes or until done



Don't test custard until it has baked 25 minutes. Disturbing it before may make it separate. Set baked custards on rack to cool. They won't be quite done in the center, but they will hold enough heat to finish cooking. Above: Serve cool custards with crisp cookies. Serve right in the baking cups

Photographs: Wesley Bowman



To test when a big or little baked custard is done, insert a metal knife a little off center. The knife should come out with only a fleck of custard still clinging to it



Spoon mixture from the big baked custard into sherbet glasses. A large strawberry, stem and all, is the topper. Serve baked custard with wafers or butter cookies

Recipes on page 247



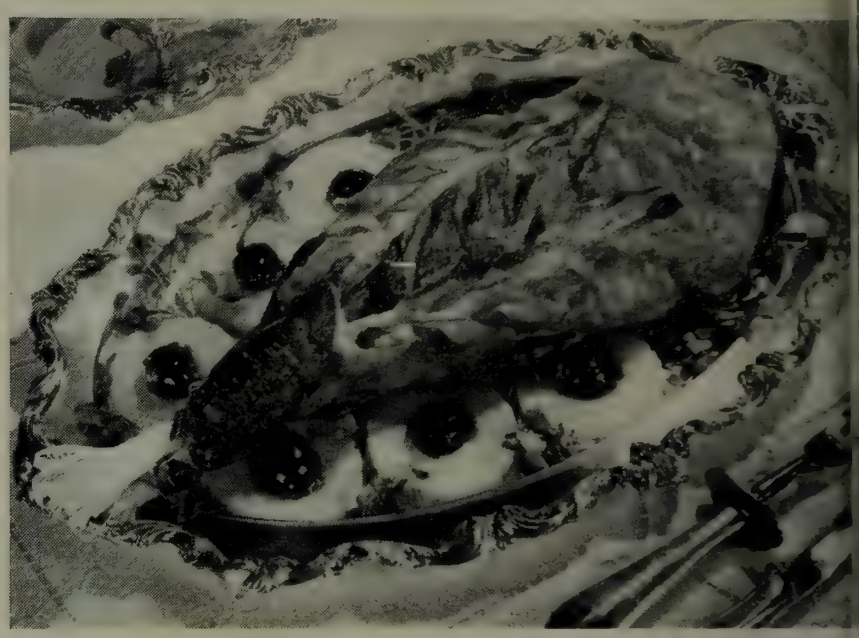
Breaded Veal Sirloin Steak is moist, fork-tender, easy for the carver to serve. Braise it in tomato juice for added flavor. Strips of bright pimiento trim the buttered asparagus spears and the bow of spiced pears which accompany it



Veal Casserole Supreme is breaded veal cubes, browned in the skillet—then slow-baked with mushrooms and chunks of celery. Bake some potatoes while the oven's on. They will take exactly the same time as the casserole



Baked Ham is the traditional feature at Easter dinner or after-church breakfasts. Garnish here is flowerets of peach slices on top of the brown-sugar glaze. Peach halves tucked around edge of the platter are filled with raisin sauce



Leg of Lamb is garnished with bacon. Each strip is snipped on the diagonal several places. There's mint jelly in the pineapple "holes." For a hint of garlic flavor, rub meat with cut garlic clove before baking the French-style roast

These *Meats* make the meal

What you put on the meat platter can decide just how big a success dinner will be. Here are delicious ways to cook beef, veal, pork, and lamb

It's all eyes on the meat platter—what Dad's going to serve. Meat is the big part of the meal. Decide what it's to be and how you're going to fix it, and the rest is easy.

Each meat here is pictured as it will look when you call the folks to the table. Look for garnish ideas you can use as well as new recipes. Some of the meats you'll simmer top of range, some will be ideal in an oven meal, all will be good eating.



oulder of Lamb Roast is made from a boned lamb shoulder. Season the side, spread it with apricot stuffing, roll, and then tie it to hold it in shape for sting. All around the tender roast are whole green beans and sliced carrots

Photographs Wesley Bowman



illet Mignon is for that very special dinner. Mushroom caps are led with a treat combination of bread crumbs, chopped cooked ham, nion, parsley, and cheese. A special cutter corrugates French fries

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Sweet-Sour Pork combines pork strips with brown sugar, vinegar, pineapple chunks and pineapple syrup, soy sauce, green pepper, and sliced onion. Serve this exotic, Hawaiian-inspired dish on fluffy rice



Recipes on page 256

Try these Heinz Recipes for

Thrifty Meatless Meals

You eat better as well as spend less when you serve these delicious, well-balanced Lenten dishes made from money-saving, home-tasting Heinz Soups.



SAVORY BAKED LIMA BEANS

● Combine one 11-oz. tin of Heinz Cream of Tomato Soup, undiluted, 2 Tbs. minced onion, 4 cups cooked lima beans, drained (or 1½ cups dry lima beans), and salt and pepper to taste. Place in casserole. Sprinkle top with buttered bread crumbs. Top with onion rings, if desired. Bake 45 min. in moderate oven (350° F.). Serves 6. Here's a nourishing dish that costs *little!*



SCALLOPED MUSHROOM POTATOES

● Combine contents of a tin of Heinz Cream of Mushroom Soup, undiluted, ⅛ tsp. pepper and ½ cup milk. Pare and thinly slice 6 medium potatoes. Arrange in layers in casserole, with soup combination between layers. Cover. Bake in hot oven (400° F.) 50 min. Remove cover. Bake until the potatoes are a tempting brown. Serves 6.

Taste the WONDERFUL DIFFERENCE in Heinz Soups 57



Rich Heinz Soups—perfect Lenten mainstays by themselves—make wonderful backgrounds for meatless casseroles! Cooked the old home way, these thrifty soups are rich with homespun flavors! Buy your favorite Heinz Soups today!

Smart cook!



Garnishes

Celery curls and radish roses need only an hour in ice water to ope wide. Shake off excess water and store relishes in tightly capped jars i refrigerator. Tip celery ends with paprika before arranging on relish tra



Honey as sweetener in whipped cream not only saves sugar, but gives the cream added "body." Blend ½ pint cream; beat until stiff. Whipped with honey, cream *stays* whipped. You may keep it in the refrigerator 2 hours before serving if you like.—*Mrs. Ray Butrich, Springfield, Missouri.*

Perfect hard-cooked eggs are tender, and have golden yolks (with no black rims). Don't cook the eggs too fast or too long. Cover with plenty of boiling water and simmer—don't boil—15 minutes. When eggs are done, drop them into cold water immediately, shell them at once, and slice or cut them in halves while they're still warm.

Hard-cooked eggs come in handy for so many cool dishes in hot weather. I hard-cook a dozen at a time. Monday I may have stuffed eggs for lunch. Tuesday salted egg slices on a relish tray. Wednesday it may be an egg salad. Thursday creamed eggs on toast or eggs en casserole. —*Mrs. A. C. Hazlett, Wyoming, Pennsylvania.*

Chiffon! Cake Sensation of the Century!

So light, rich 'n' luscious—

Betty Crocker makes it with Wesson Oil

WESSON OIL is the big news of Betty Crocker's* wonderful Chiffon Cakes! Never before was cake so light, yet moist and rich! And Betty Crocker's recipe for delicious Nesselrode Chiffon calls for Wesson Oil. Chiffon is so delicate in flavor and texture that you must use a light, dainty salad oil as shortening. Wesson Oil—America's favorite Salad Oil—enhances all delicate flavors! Try it for digestible frying, too!

New recipes—218 of them! Send for "How to Win Compliments," new 100 page cookbook, chock full of photographs, many in color. Send name, address and 25¢ in coin to Wesson Oil and Snowdrift People, Dept. C2, New Orleans 12, La.



RECIPE

for "chiffon" baking—use Wesson Oil!

NESSELRODE CHIFFON CAKE

Heat oven to 325° (slow moderate) and...

1. In first bowl, sift together:

2 cups sifted Gold Medal flour (spoon lightly into cup, don't pack)
1½ cups sugar
3 tsp. baking powder
1 tsp. salt

Form a well and add these:

½ cup Wesson Oil
7 unbeaten egg yolks (medium sized)
¾ cup cold water
2 tsp. vanilla
grated rind of 1 lemon (about 2 tsp.)

Beat with spoon until smooth. Easy with Wesson Oil!

2. In second bowl, put:

1 cup egg whites (7 or 8 medium)
½ tsp. cream of tartar

Beat into stiff peaks, *stiffer than for meringue.*

3. Pour egg yolk mixture gradually over beaten egg whites, gently folding until blended. DON'T STIR. Pour immediately into ungreased 10-inch tube pan, 4 inches deep.

Bake 55 min. at 325°, then increase to 350° (moderate) for 10 to 15 min., or until top springs back when lightly touched. Turn pan upside down, placing tube over neck of bottle; let hang, free of table, until cold. Loosen sides with spatula; turn pan over and hit edge sharply on table to loosen.

NESSELRODE ICING: Combine 2 egg whites, 1½ cups sugar, ½ tsp. salt, ¼ tsp. cream of tartar, ⅓ cup water. Cook over boiling water, beating constantly with rotary beater 7 min., or until icing peaks. Cool. Add 1 tsp. rum flavoring, ¼ cup chopped drained maraschino cherries, ¼ cup chopped nut meats. Ice cake. Strew top with ½ square chocolate, prepared as shavings.

If you use self rising flour, omit baking powder and salt.

**of General Mills, Inc.*



Top off your next company dinner with Hollywood Salad and Nesselrode Chiffon!



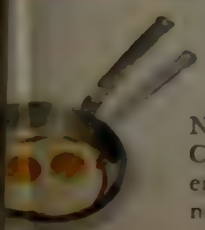
for delicate salads—Wesson Oil!

HOLLYWOOD SALAD... *with cracklin's!*

¼ tsp. salt
½ tsp. sugar
⅛ tsp. paprika
¼ tsp. mustard
dash pepper
⅓ cup Wesson Oil
2 tablespoons vinegar
1 raw egg
½ cup radish slices
spring salad greens
¾ cup suet cracklin's*

Combine all seasonings with Wesson Oil, vinegar and egg; beat with a rotary beater. (Taste this new sunny dressing...see what a difference Wesson Oil makes. Its delicacy *plays up* good flavors!) Toss crisp greens and radish slices in salad bowl with this smooth piquant dressing, and top with cracklin's. Every leaf crisp and gleaming...every taste fresh and delicate. No wonder Wesson Oil is America's Favorite Salad Oil!

**To make cracklin's:* trim excess fat from steak, chops, etc.; cut into small pieces and fry gently until crisp and brown. Drain on soft paper.



For flavor-fine frying—Wesson Oil!

Nothing nicer than clear sparkling Wesson Oil for delicate fried foods! Crisp-n-crunchy! Light and digestible! Meats, vegetables, fish, fritters, eggs... all taste *naturally good* because delicate Wesson Oil brings out natural flavors. And it's so handy! Just *pour out* the amount you need!



Wesson Oil

FOR SALADS & COOKING

Bright meat idea! You make it with the sweet, country flavor of Del Monte Corn

BRAND

Two delicious styles: Golden Whole Kernel, Golden Cream Style





One more good food from the brand that puts **FLAVOR FIRST**

No bones! No waste! Tastes like ham! And the special goodness of DEL MONTE Brand Corn makes this new meat recipe a two-way treat!

Those plump, bright DEL MONTE Corn kernels are full of sweet, hearty flavor — the kind that makes women ask what brand you buy, and makes men ask for second helpings.

That's because DEL MONTE makes such a point of tenderness and high natural sugar content in corn. Whether it's sunny DEL MONTE *Golden Whole Kernel* — or kernel-crammed DEL MONTE *Golden Cream Style* — the kernels are very thin-skinned. The flavor is sweet — rich and satisfying, too. And to double your corn enjoyment — try *both* styles!

CORNPATCH CANADIAN BACON

- 1 lb. piece Canadian bacon, unsliced*
- 18 whole cloves
- 5 onion wedges
- Prepared mustard
- Brown sugar
- ½ cup syrup from DEL MONTE Apricots, Peaches, etc.
- 1 to 2 cans DEL MONTE Golden Whole Kernel Corn

Remove casing from bacon; place in shallow baking pan, fat side up. Make 5 slashes halfway through meat. Insert onion wedges in slashes. Stud each meat section with 3 cloves. Spread with mustard; pat on brown sugar to cover; pour fruit syrup over. Bake in slow oven (300° F.), basting often, about 1¼ hrs. Spoon off excess fat from sauce in pan; add corn; salt, pepper and stir. Return to oven about 10 min., till corn is hot. To carve, cut meat in thin slices. Serves 4 to 6.

**Great idea for dressing up canned pork loaf, too! Use 3 onion wedges to a 12-oz. can, to serve 4.*

FISH MAIN DISHES



Baked Sole Thermidor

Simple to make. The fish is tender and moist, delicately flavored with cheese—

- 1½ pounds fillet of sole
- ¾ teaspoon salt
- Few grains pepper
- ½ cup milk
- 2 tablespoons butter or fortified margarine
- 2 tablespoons enriched flour
- 1 cup milk
- 1 teaspoon sherry flavoring
- ¼ cup grated American cheese

Place fish in greased 6- by 10-inch baking dish. Salt and pepper; add ½ cup milk. Bake in moderate oven (350°) 30 minutes. Melt butter; add flour and blend. Gradually add milk and cook over low heat until smooth and thick, stirring constantly. Add sherry flavoring and cheese. Pour over fish; broil till golden brown. Serves 4 to 6.—*Nellie R. Haste, East Walpole, Massachusetts.*



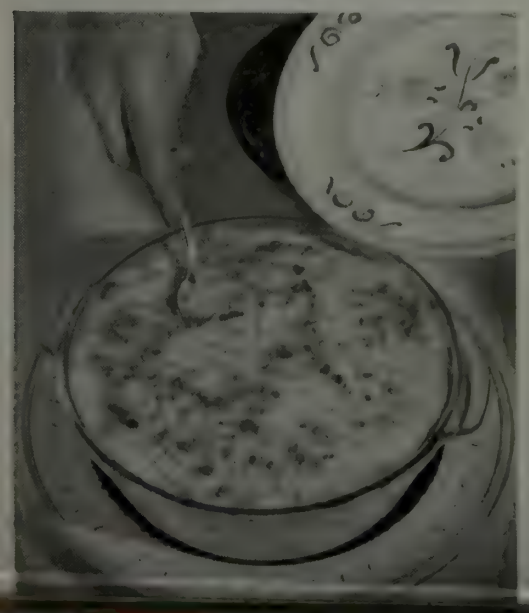
Supper Sandwiches

Salmon sandwiches, hot as toast—with cheese sauce—

- 1 7¾-ounce can salmon, flaked
- 1 tablespoon horseradish
- 1 tablespuon lemon juice
- ¼ cup mayonnaise
- ⅛ teaspoon salt
- 12 slices bread
- ¼ cup butter
- ½ pound package mild spreading cheese
- ½ cup milk

Combine salmon, horse-radish, lemon juice, mayonnaise, and salt. Mix well. Spread between slices of bread; spread outside with butter, toast under broiler or on grill until golden; turn once. Serve with **Cheese Sauce:** Melt cheese over hot water; stir in ½ cup milk. Serves 6.—*Mrs. E. A. Sorensen, Portland, Oregon.*

CEREAL DESSERTS



Tuna Bake

Light and fluffy like soufflé; flavors are tuna and cheese—

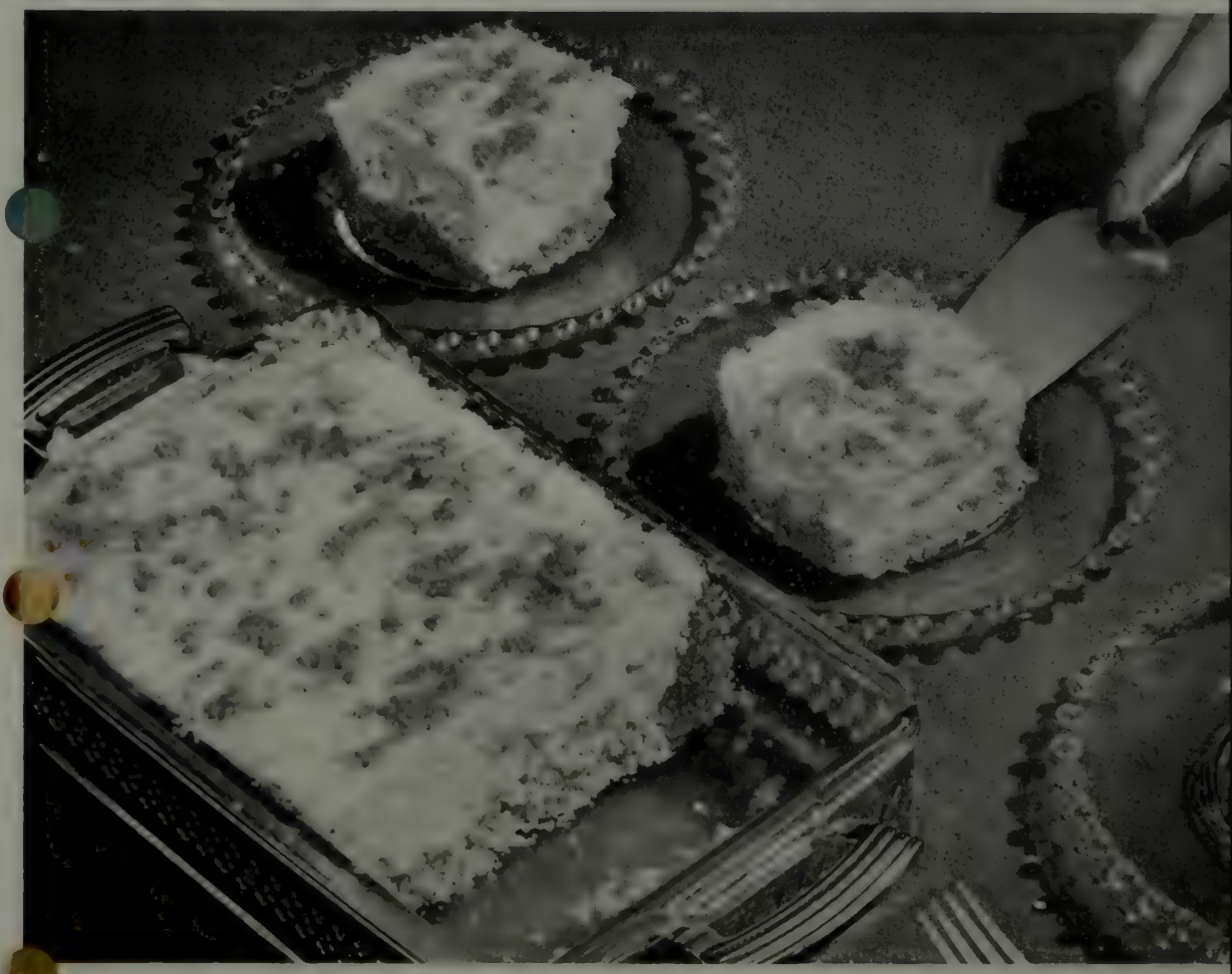
- 2 tablespoons butter
- 3 tablespoons enriched flour
- 1 cup milk
- ½ teaspoon salt
- Dash of pepper
- ¼ teaspoon paprika
- 2 well-beaten egg yolks
- ¾ cup grated American cheese
- 2 6½-ounce cans tuna, flaked
- 2 stiff-braten egg whites

Melt butter; add flour and blend. Gradually add milk; cook over low heat until smooth and thick, stirring constantly. Add seasonings. Add small amount of hot sauce to egg yolks and stir into remaining sauce. Stir in cheese and tuna. Fold in egg whites. Bake in greased 1½-quart casserole in moderate oven (325°) 1 hour. Serve at once. —*Mrs. J. D. MacDonald, Bremerton, Washington.*

Cooks' Round Table of Endorsed Recipes

RECIPES ENDORSED

Desserts

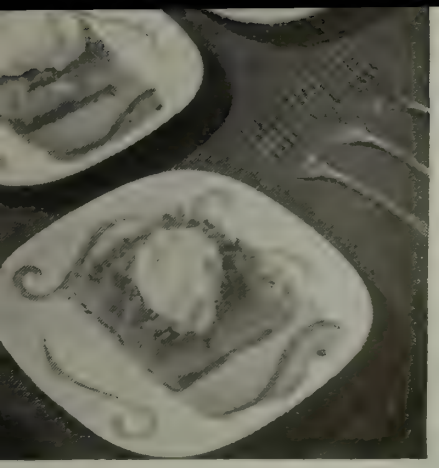


Pineapple Refrigerator Cake

The filling is golden, and fluffy like chiffon pie; but it has the richness of cheesecake—

- 1 tablespoon (1 envelope) unflavored gelatine
- ¼ cup cold water
- 3 beaten egg yolks
- 1 cup crushed pineapple
- 2 tablespoons lemon juice
- 1 teaspoon grated lemon peel
- ¼ cup sugar
- ½ teaspoon salt
- 1 cup dry cottage cheese
- ½ cup sugar
- 3 stiff-beaten egg whites

Soften gelatine in cold water. Combine egg yolks, pineapple, lemon juice and peel, ¼ cup sugar, and salt. Cook over hot water until thick, stirring constantly. Add softened gelatine and stir until dissolved. Remove from heat and add cottage cheese. Chill until partially set. Gradually beat ½ cup sugar into stiff-beaten egg whites. Fold into gelatine mixture. Pour into **Corn Flake Crust:** Combine 1 cup crushed corn flakes, ¼ cup sugar, and ⅓ cup melted butter; press firmly in greased 6- by 10-inch pan. Save some crumbs for top. Chill.—*Mrs. H. F. Leppke, Rothsay, Minnesota.*



It's layers of crunchy cereal, coconut, and lemon custard filling—

½ cup sugar
2 tablespoons enriched flour
⅛ teaspoon salt
1 cup hot water
2 well-beaten eggs
⅓ cup lemon juice
1½ teaspoons grated lemon peel

Combine sugar, flour, and salt. Add water and mix well. Cook over hot water until thick, stirring constantly. Remove from heat. Stir a small amount of hot mixture into eggs. Add to remaining hot mixture. Cook over hot water about 2 minutes, stirring constantly. Add lemon juice and peel and continue cooking about 1 minute. Remove from heat. Cool. Pour over layers of **Crumb Crunch:** Mix ½ cup shortening and 1 cup brown sugar. Add 1 cup enriched flour, ½ teaspoon salt, 1 cup wheat cereal flakes, and ½ cup shredded coconut. Place ⅔ of crumb mixture in greased 8-inch square pan. Pour over filling. Top with remaining crumb mixture. Bake in moderate oven (350°) 40 minutes. Serve warm or cold with whipped cream. Serves 9.—*Mrs. Mary C. Wigton, Marietta, Ohio.*



Peaches 'n' Cream Crisp

You serve it warm from the oven, with whipped cream—

1 No. 2½ can (3½ cups) sliced peaches, drained
¾ cup quick-cooking oats
½ cup brown sugar
½ cup enriched flour
⅓ cup butter or fortified margarine

Arrange peaches in greased 8-inch round pan. Combine oats, sugar, flour, and butter. Spread over peaches. Bake in moderate oven (350°) about 30 minutes. Top with additional peach slices. Serve warm with whipped cream. Serves 6.—*Mrs. Timothy De Wight, New York.*



Sundae Tarts

Big scoops of ice cream are served in crisp, sweet tart shells made of cereal—

2 tablespoons butter or fortified margarine
1 dozen marshmallows
⅛ teaspoon vanilla
½ 5½-ounce package crisp rice cereal

Combine butter and marshmallows in double boiler. Melt over hot water. Add vanilla and blend well. Pour over cereal and toss lightly. Mold in buttered tart pans. Chill. Fill with ice cream. Serve with nuts and chocolate sauce. Makes 5.—*Theresa M. Lessmeister, Peru, Illinois.*

Cooks' Round Table of Endorsed Recipes

RECIPES ENDORSED BETTER HOMES & GARDENS TESTING TEST KITCHEN

Fish



Quick Baked Fish

Fish bakes crusty, tender, and moist in 10 minutes. Serve with hot tartare sauce—

2 large halibut steaks, ½ inch thick
2 teaspoons salt
½ cup milk
1½ cups crushed corn flakes
2 tablespoons melted butter or fortified margarine

Dip halibut steaks in salted milk. Coat thoroughly with crushed corn flakes. Place on greased baking sheet. Drizzle with butter. Bake in hot oven (550°) 10 minutes. Serves 4. Serve with **Hot Tartare Sauce:** Melt 1 tablespoon butter; add 1 tablespoon enriched flour and blend. Gradually add ½ cup milk and cook over low heat until smooth and thick, stirring constantly. Stir in ⅓ cup mayonnaise, 1 teaspoon vinegar, 2 tablespoons chopped olives, 2 tablespoons chopped dill pickles, and 1 teaspoon onion juice. Heat thoroughly. Makes ¾ cup sauce.—*Mrs. Ed. Eliasen, Newport, Oregon.*

CRISCO THRIFTY DINNER PIE

(Makes 4–6 servings)

Here's a thrifty nifty for man-sized appetites! Easy as can be to make—just follow Crisco's pastry method and your pie crust is sure to be perfect! *All Measurements Level:*

- ¼ cup Crisco
- 2 tablespoons chopped onion
- ⅓ cup chopped green pepper
- 3 to 4 frankfurters, sliced
- ½ pound ground beef
- 2 cups cooked tomatoes
- 2 cups cooked vegetables
- ½ teaspoon pepper
- 1 teaspoon salt
- 1 tablespoon flour

Lightly pan-fry onion, green pepper and meat in melted Crisco. Add remaining ingredients, simmer about 15 minutes, and thicken with flour. Pour into 1½ quart casserole. Top with Crisco pastry.

CRISCO PASTRY

- 1½ cups sifted flour
- ½ teaspoon salt
- ½ cup Crisco
- 3 tablespoons water

Sift flour with salt into bowl. Remove ¼ cup flour and mix with water to form a paste. Cut Crisco into the remaining flour until the pieces are the size of small peas. Add flour paste to Crisco-flour mixture. Mix and shape into a ball. On a floured board, lightly roll out a circle of dough 12" in diameter and ⅛" thick. Cut small holes in pastry for steam vents. Lay over filled casserole. Turn edge under and flute with fingers. Bake in a hot oven (425°F.) about 30 minutes or until pastry is browned.

NEW! BIGGER! BETTER! CRISCO COOK BOOK. Just out, gives you 161 exciting new recipes, lots of full-color picture pages. Send 25¢ in coin and a Crisco label, any size, for *New Recipes for Good Eating.* Mail to Crisco, Dept.BG, Box 837, Cincinnati 1, Ohio. Offer good in continental U.S. and Hawaii.



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Why not see for yourself? Give a delicious lift t leftovers with golden Crisco pie crust as in th recipe above. And for dessert, be sure to surroun your favorite fruit or cream pie filling with de luscious pastry made the sure-fire Crisco way.

Then you'll know another important reason wh more women are cooking with pure, creamy Crisc than with any other vegetable shortening!





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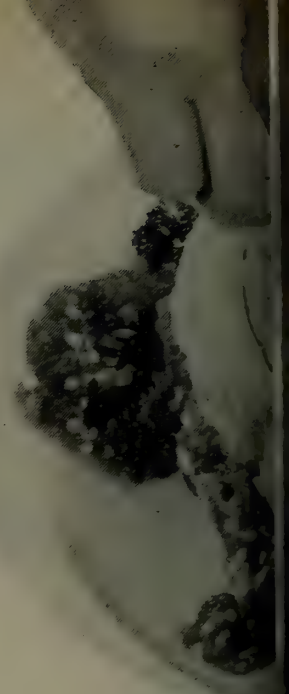
There's nothing like **Baker's Dot Chocolate** for making rich, delicious homemade candies in a jiffy. The only chocolate especially made for home candy making, **Baker's Dot Chocolate** is rich in cocoa butter — high in bittersweet chocolate flavor. Recipe on package.



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Breakfast Cocoa ♥ Semi-Sweet Chocolate Chips ♥ Premium Number One

How to make a perfect fluffy omelet



PERFECT fluffy omelet is golden brown, so tender and delicate it almost melts in your mouth. It should be airy and moist, high and handsome on the platter.

The art of omelet making begins with the skillet you use. To season skillet, heat it slightly, rub with salt and paper toweling, and coat with unsalted fat. Now you're ready to follow directions below for making and serving a fluffy omelet.

To make the omelet

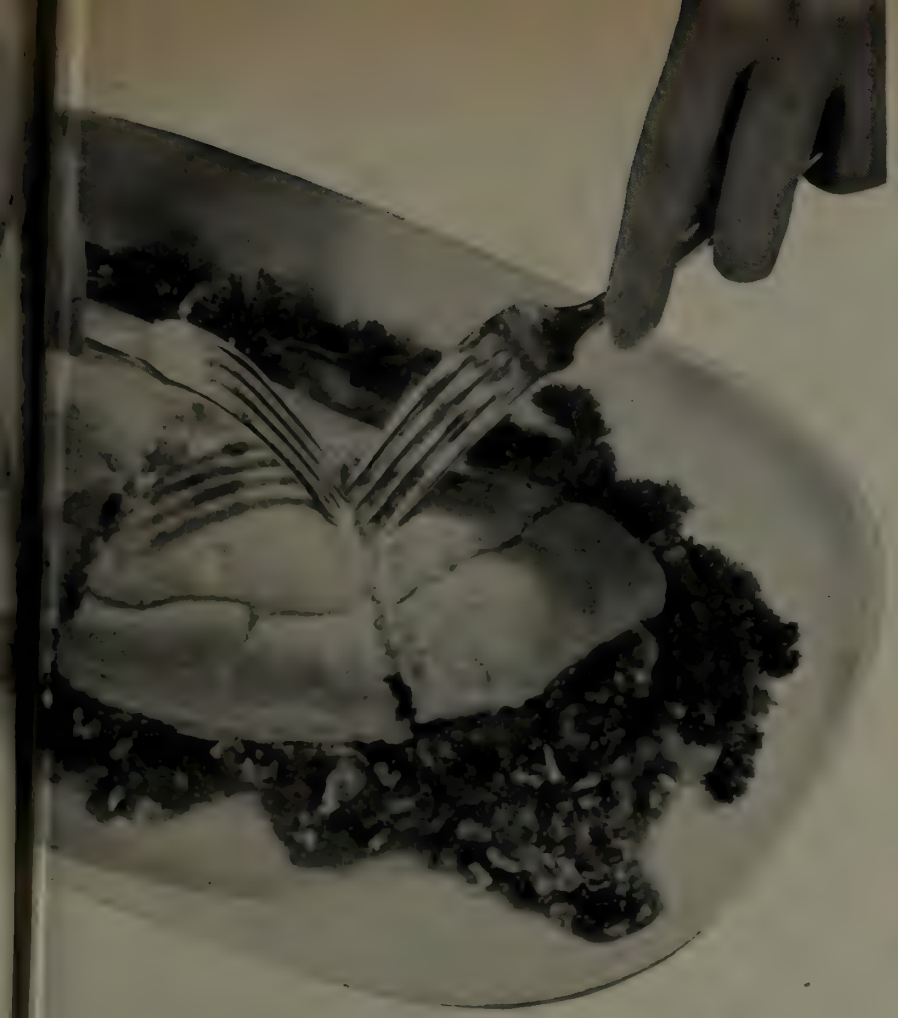


1 Separate yolks from whites of 6 eggs. Beat whites till frothy. Add 3 tablespoons water and 1½ teaspoons salt. Continue beating till whites are stiff and moist but not dry. Add dash of pepper to egg yolks; beat till thick and lemon-colored. Pour yolks over whites; fold gently into whites with spatula until well blended

Photographs: Wesley Bowman



2 Heat 1 to 2 tablespoons butter, fortified margarine, or cooking fat in a 9- or 10-inch skillet. When drop of water just sizzles in the hot fat, skillet is ready. Pour mixture in skillet. Spread mixture evenly with spatula



To serve omelet, tear apart gently with two forks as in photograph. This keeps omelet light and fluffy



3 Cover skillet. Cook the omelet over low heat until it puffs, about 5 to 10 minutes. Now lift omelet carefully around the edges to check the color of the bottom—see picture. When omelet is a delicate golden brown, it's ready for the oven. Take off the lid. Finish cooking omelet in moderately slow oven (325°) 15 minutes



4 You can tell omelet is done if spatula comes out clean, top of the omelet springs back to touch, and omelet pulls away from sides of the skillet—as in picture

More on next page

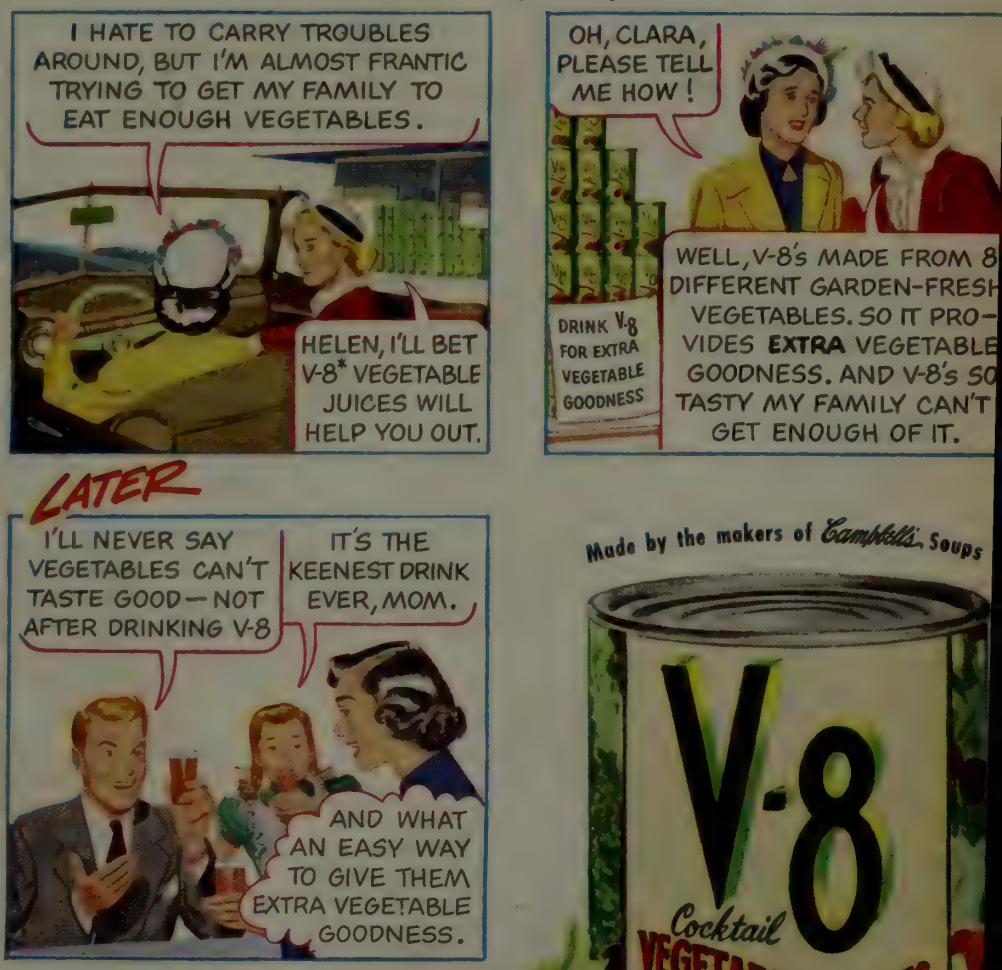
Heavenly days are mine

since my family tried this delicious blend of 8 different vegetables

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*V-8 is a trademark owned in the United States by Campbell Soup Company; in Canada by Campbell Soup Company Ltd



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Serve C&B Date & Nut Bread sliced plain, just as it comes out of the can. Or, for company, make festive sandwiches in assorted shapes. Try it for dessert with a simple sauce. A deep golden loaf, rich with imported dates and cashews, it's always fresh, ready to serve.

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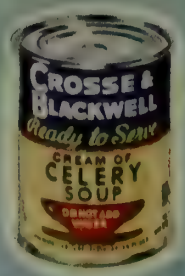
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Thrifty new dessert for two. Ready-to-serve. Rich with figs and spices.



Perfect fluffy omelet

Begins on page 76

To fold the omelet



Hold skillet by the handle with your left hand. With your right hand, carefully loosen omelet with spatula



Make shallow cut with spatula, above center and at right angles to handle. Slip spatula under part of omelet nearest handle. Now tip pan. Coax omelet with spatula; fold the upper half over the lower half



Hold skillet so bottom edge touches platter; tip omelet onto hot platter. Bottom side is now on top



Here's the finished omelet, garnished with parsley, filled with **Spanish Sauce:** Cook 2 tablespoons of chopped celery in 1 tablespoon melted butter until just tender; add 1 8-ounce can (1 cup) tomato sauce. Heat to boiling; spoon between the folds of omelet



Designed for hospitality

Good hospitality is the knack of putting everyone at ease—including the hostess. With ice-cold Coca-Cola you have that knack.

It's so easy to slip your finger tips into the handle of a six-bottle carton . . . thus it's so easy to keep your refrigerator supplied at all times.



Coca-Cola
"Coke"

Ask for it either way . . . both trade-marks mean the same thing.

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Biscuit Tricks by Betty Crocker



How to cut biscuits without any scraps: Cut first biscuit at edge of dough circle. Tuck point of dough under; pat to form rounded side of second biscuit. Do same thing each time—*tucking under scraps.* No re-rolling. Last biscuits light as first!

No last-minute fuss! When you use Bisquick, you can make up your biscuits 1 hour ahead, cover and store in refrigerator; or keep ½ hour at room temperature. (Special leavening in Bisquick.) Then bake in time to serve hot and fragrant, with crust crisp and bright.

Just add milk to Bisquick for biscuits! You measure out six ingredients at once when you measure out Bisquick. We mix all six for you: Home-type ingredients (including a special blend of Gold Medal Flour), proportioned just right. That is why you get such delicious biscuits every time.

Have oven very hot (450°) when you put in biscuits. They rise higher and brown better. If baking your biscuits at once, heat oven *before* you start to mix: Important when you make Bisquick biscuits, as mixing takes so little time!





To get biscuits to table piping hot, bake in *small* pie pans. Put a hot pan of biscuits on serving plate at the table; just enough biscuits to go around once. Keep the rest warm in oven. (Make them with Bisquick. Feather-light, fragrant and meltingly tender.)

12 mixes in one! That's what Bisquick is. A mix for biscuits—also dumplings, waffles, pancakes, hot rolls, etc. Directions for 12 bakings on every box. Tested by our General Mills food staff in our Minneapolis kitchens. Do try Bisquick for all of them!

"Betty Crocker" is a trade name of **General Mills, Inc.**



Make pie crust like Betty Crocker's—Easy with Crustquick! Betty Crocker's pie crust in a package. Just add water for crisp, flaky, tender pie crust. This new pie crust mix is made with Gold Medal Enriched Flour, salt and pure shortening. Enough mix in each box for 9-inch 2-crust pie. For lemon, banana cream, *every* kind of pie. *Do try Crustquick!*

Cash in on your best recipes

Contest offers $70 for pies and vegetables

Pies and vegetables are the money-making recipes in this month's contest. There are 21 prizes to try for: first prize of $10, and 20 prizes of $3 each.

Pies can be any variety you serve during the *winter* months—Thanksgiving, Christmas, and all the times between. All varieties of pumpkin, mincemeat, eggnog, cranberry, red or green chiffon. Do you make them in unusual shapes; with different toppers or gay cutouts of your own design on the crust? Perhaps you favor individual tarts to bring out the best in your recipe, or a special kind of crumb crust. Maybe your trick is as simple as adding pecans to pumpkin, or cider to mincemeat. Perhaps you have an unusual *combination* of flavors such as mincemeat and pumpkin.

Vegetables include fix-ups for vegetables that come in a can—particularly those old stand-bys corn, peas, and green beans. If you've a special way of cooking and serving a fresh vegetable in season, tell us about it, too.

Just write your recipe down according to the simple rules below, and mail it before April 30.

And remember, the winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement, and *six copies of the endorsed recipe.*

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it "November Holiday Pies" or "November Vegetable Fix-Ups."
2. Give measurements in *level* cups, tablespoons, and teaspoons, never in heaping or scant measurements.
3. Be sure to specify in your recipe the brand names of the *nationally* known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.
4. Include 50 to 100 words about the history or origin of your recipe.
5. All recipes submitted become the property of *Better Homes & Gardens.*
6. Entries must be postmarked by midnight, April 30.
7. Address the recipes you enter to 5404 Tasting-Test Kitchen, *Better Homes & Gardens,* Des Moines 3, Iowa.

This month's winners

Cook-of-the-Month is Mrs. H. F. Leppke of Rothsay, Minnesota. Mrs. Leppke's corn-flake crust filled with fluffy golden chiffon rated top place. Runner-up was from Theresa Lessmeister, Sundae Tarts.

A close third was Mrs. Wigton's Lemon Crumb Crunch layered with wheat cereal flakes and coconut. Serve it and you'll mystify the eaters. Some will guess it's glamorized Apple Betty; others will say it's a graham-cracker dessert.

To dress up canned peaches, try Mrs. De Wight's Peaches 'n' Cream Crisp. She covers the peaches with an oatmeal-brown sugar mixture, and bakes till a golden-brown crust forms.

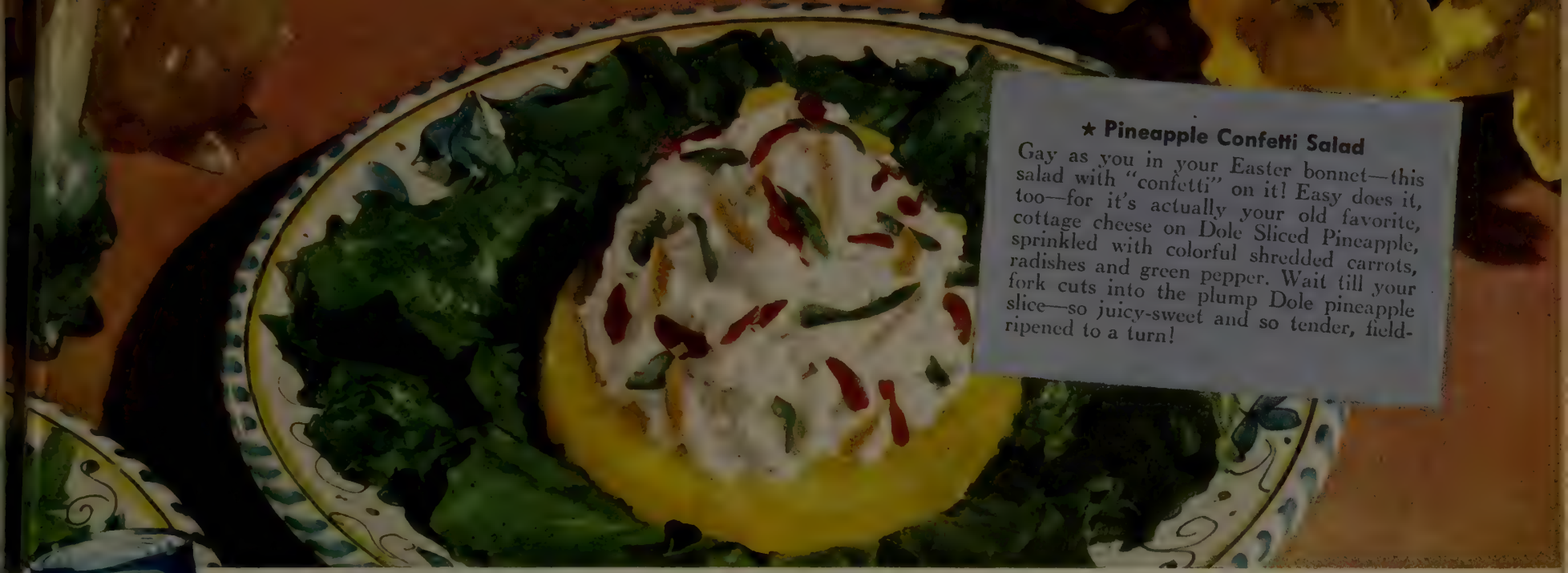
Sea-food fan or not, you'll like Mrs. Eliasen's Quick Baked Fish with Hot Tartare Sauce. Mrs. Eliasen, whose husband is a commercial fisherman on the Pacific coast, names this the best of her many fish recipes.

Another baked fish recipe rating top billing is Mrs. Haste's Baked Sole Thermidor made special with cheese sauce.

Tuna takes a bow in cheese-flavored Tuna Bake submitted by Mrs. J. D. MacDonald. Salmon stars in a de luxe hot sandwich created by Mrs. Sorensen.

Honor Roll

Mrs. Burdette Boileau, San Marino, California.
Mrs. John Breslaw, Canoga Park, California.
Mrs. Alyce A. Brunberg, San Antonio, Texas.
Mrs. H. C. Denver, Oakland, California.
Mrs. Timothy De Wight, New York.
Mrs. Ed. J. Eliasen, Newport, Oregon.
Mrs. Herbert S. Frank, Hendricks, Minnesota.
Ann Green, St. Paul, Minnesota.
Mrs. Stanley Haste, East Walpole, Massachusetts.
Mrs. F. E. Hopkins, Portland, Oregon.
Mrs. M. H. Lax, St. Paul, Minnesota.
Theresa M. Lessmeister, Peru, Illinois.
Mrs. Elizabeth Lyman, Joliet, Illinois.
Mrs. J. D. MacDonald, Bremerton, Washington.
Mrs. Arnold F. Nelson, St. Paul, Minnesota.
Mrs. E. A. Sorensen, Portland, Oregon.
Mrs. Bill Spann, Atkinson, Nebraska
Mrs. J. C. Stickley, El Reno, Oklahoma.
Mrs. John F. Webb, San Diego.
Mrs. Mary C. Wigton, Marietta, Ohio.



★ Pineapple Confetti Salad

Gay as you in your Easter bonnet—this salad with "confetti" on it! Easy does it, too—for it's actually your old favorite, cottage cheese on Dole Sliced Pineapple, sprinkled with colorful shredded carrots, radishes and green pepper. Wait till your fork cuts into the plump Dole pineapple slice—so juicy-sweet and so tender, field-ripened to a turn!

Easter Parade of Pineapple—



★ Sweet Potato Snowballs

Here's a combination that's almost heaven-made—Easter ham and Dole-style sweet potatoes! Mold the balls from cooked, mashed, seasoned sweet potatoes. Top each with half a marshmallow and a Dole Pineapple Chunk. Bake till marshmallows melt, chunks turn golden brown—you've got something glorious!

dressed up for you by DOLE

★ Pineapple Meringue Nests

Not occupied by Easter chicks, but something even nicer—Dole Crushed Pineapple! These nests of individual baked meringues are sprinkled with shredded cocoanut before popping into the oven. Fill 'em up with Crushed Pineapple, and top with a fluff of whipped cream. You're due for a treat, when you try the new Dole Crushed—it's crisp-cut, firmer, more flavorful!

★By *Patricia Collier*, DOLE HOME ECONOMIST
Hawaiian Pineapple Co., Ltd., San Francisco 6, Calif.

A delicious New Recipe for you!

Tuna Spaghetti made with



Here's not only a new recipe — but a low-cost main dish that brims over with wonderful flavor!

there's one big reason for that wonderful flavor: just tomato sauce, but the *Kettle-simmered sauce* — HUNT'S. And look at this . . .



Hunt's Tomato Sauce is *all* tomato — it contains no starchy fillers. Yet it costs you but a few cents a can — about *half* as much as a can of soup!

It takes more than four plump tomatoes to make every can of Hunt's. So enjoy this finer tomato sauce in your stews, meat loaf, spaghetti, casseroles, gravies. If it's *flavor* you're hunting . . . Hunt — for the best!

The wonderful cooking sauce from California

Tuna Spaghetti

- 1 7-oz. can tuna fish
- 5 tbsp. salad oil
- ½ cup chopped onions
- 2 tbsp. chopped parsley
- 1 clove garlic, chopped if desired
- 2 cans Hunt's Tomato Sauce
- 3½ cups cooked spaghetti (about 2 cups uncooked)

Drain and flake fish. Heat oil, add onions, parsley, and garlic. Cook over low heat, 10 minutes or until onions are soft and lightly browned. Add fish and cook until lightly browned. Add Hunt's Tomato Sauce. Cook, uncovered, for 15 minutes. Serve over spaghetti. Makes 4 servings.

Hunt-for the best

Hunt's Fruits, Vegetables, Tomato Products *Hunt Foods, Inc., Los Angeles, Calif.*





. . . and serve
HUNT'S HEAVENLY PEACHES at down-to-earth prices



Compare Hunt's flavor — it's better! Compare Hunt's price — it's lower!



For a special Easter breakfast—homemade, "one-a-penny" Hot Cross Buns. Serve them piping hot

Hot Cross Buns for Easter



1 Rich yeast dough has raised for 1 hour. (See recipe.) Now mix in ½ teaspoon cinnamon and ⅔ cup currants

Photographs: Wesley Bowman



2 Roll dough ½ inch thick on lightly floured pastry cloth. Cut 2½-inch rounds so buns will be the same size. Shape with finger tips as shown in photograph. Place on greased baking sheet. Cover. Let rise in warm place till double

Hot Cross Buns—plump and shiny, topped with white frosting crosses and studded with currants—are as much a part of Easter as bunnies and colored eggs.

Pass a basketful to your family for Easter breakfast. Just be sure you have enough to take care of seconds. Step-by-step picture recipe for this traditional holiday fare starts at left.

Hot Cross Buns

2 cakes fresh or 2 packages granular yeast
⅓ cup sugar
⅔ cup milk, scalded
3½ cups enriched flour
½ cup melted shortening
¾ teaspoon salt
3 eggs
⅔ cup currants
½ teaspoon cinnamon

Soften yeast and dissolve sugar in milk cooled to lukewarm. Add 1 cup flour and beat. Add shortening, salt, eggs, and remaining flour. Beat until light, about 3 minutes. Cover and let rise till double, about 1 hour. Add currants and cinnamon and mix well. Roll ½ inch thick on lightly floured surface. Cut rounds with 2½-inch cutter. Shape into buns. Place on greased baking sheet. Cover and let rise till double. Cut cross in each bun with scissors. Brush with slightly beaten egg white. Bake in moderate oven (350°) 12 to 15 minutes. To the remaining egg white add confectioners' sugar (about ¾ cup) to make a frosting. With a pastry tube or paper cornucopia pipe a cross on each bun. Makes about 2 dozen.

More on next page



Yes, PLANTERS PEANUTS give you more protein than meat, fish or eggs. The salted peanuts all America loves! Oven-fresh.

This PLANTERS product is also made in Toronto, and sold everywhere in Canada.

PLANTERS is the word for PEANUTS

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*The mirror illustrated above is Model 1252, 37" x 46"—another Nurre "original."

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NURRE

This name identifies genuine plate glass Nurre Mirrors. It is your assurance of the finest in quality, styling and craftsmanship. Look for it when you buy.

Hot Cross Buns

Begins on preceding page



3 Snip a shallow cross in top of each bun. Use your kitchen scissors



4 Brush tops of buns with slightly beaten egg white. This gives the buns a pretty glaze. Bake them in moderate oven (350°) 12 to 15 minutes



5 Pipe a frosting cross on each bun. You can make a pastry tube with paper. Roll a sheet of paper to form a cone; snip off the pointed end

DO YOU HAVE A SMALL KITCHEN ?
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AND

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The big refrigerator for small kitchens—actually holds 25% more food than conventional pre-war models. Yet it slips into kitchens without disturbing existing cabinets. This Space-Saver Coolerator is a marvel of engineered roominess—a full 8 cu. ft. of the most convenient storage space you've ever seen.

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Coolerator

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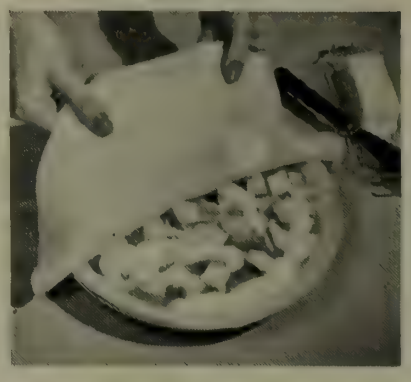
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How do you like

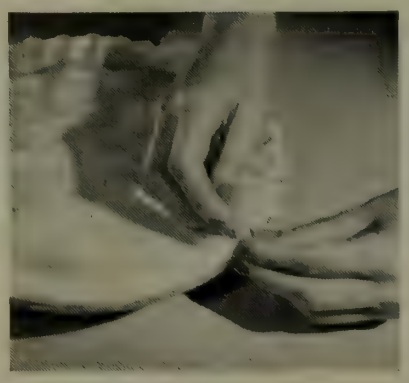
Rhubarb Pie. A flaky, golden-brown double crust, that old-fashioned flavor of fresh rhubarb



Peel the rhubarb, only if skin tough. Cut in 1-inch piec enough to make 3 cups. Combi rhubarb, 1 cup sugar, ¼ teaspo grated orange peel, 3 tablespoo enriched flour, and ⅛ teaspo salt. Fill 9-inch piepan lined w pastry. (See pastry recipe, page 104



Dot filling with 2 tablespoo butter. Gash top crust with yo own design, lay crust on fillin Trim ½ inch beyond edge of pa Fold top under edge of lower crus This helps seal the juice inside.



To crimp crust, press edge b tween thumb and first finger left hand with finger of the rig hand. Brush crust with top mil and sprinkle top with a little suga Bake in hot oven (450°) for 1 minutes, then in moderate ov (350°) about 30 minutes.

Photographs: Wesley Bowma



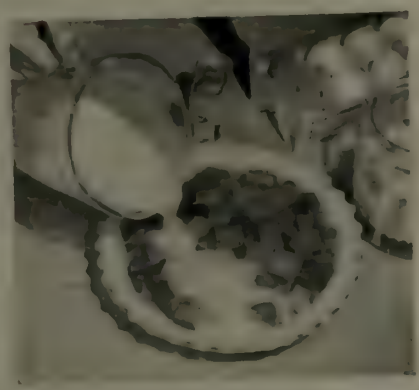
Rhubarb pie, a two-cruster, bubbling hot, juicy, filled with rosy rhubarb

our rhubarb pie?

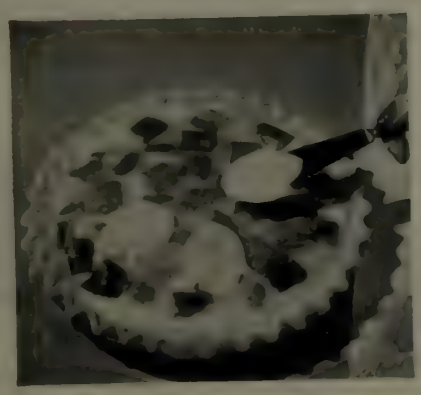
Folks know spring is really here when you pass them rhubarb pie—the first fresh-fruit pie of the year.

Does your family like Rhubarb Cream Pie? It calls for eggs, a little nutmeg. Or plain Rhubarb Pie—*no* eggs, a little orange peel for extra flavor? Let them take their choice. We show step-by-step directions for making both kinds below.

Rhubarb Cream Pie. Tender rhubarb pieces in a rich custard of eggs and the juice from the fruit

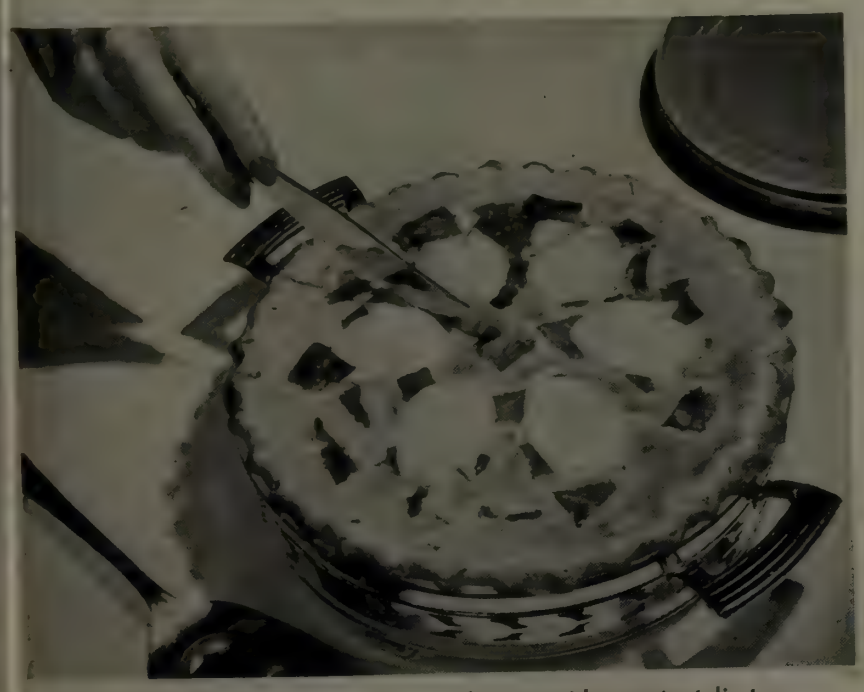


Prepare 3 cups rhubarb, cut in 1-inch pieces. Blend 1½ cups sugar, 3 tablespoons enriched flour, ½ teaspoon nutmeg, and 1 tablespoon butter. Add 2 well-beaten eggs; beat smooth. Pour over rhubarb in 9-inch pastry-lined pan. (Pastry recipe page 104.)



Top with pastry cut in fancy shapes. Bake in a hot oven (450°) for 10 minutes, then in moderate oven (350°) about 30 minutes.

Recipes on page 104



Cool triangles of Rhubarb Cream Pie, each piece with a pastry tulip top

Be a smart Cookie...
give 'em **Coconut!**





Virginia Coates
Home Economist

Crunchy coconut cookies! Quick-and-easy cookies—made with my own "one-bowl" recipe. And for mouth-watering, tempting flavor—be sure to use the world's finest coconut—Durkee's!

Durkee's has a tantalizing taste, with a hint of the tropics in its richness. And it's always fresh! Two styles: In the familiar package—or in the can for *extra* moistness and fresh-coconut flavor. Durkee's Coconut adds glamour to so many desserts: Baked custard, jelly, fruit cup, baked bananas, pudding. Blend it with butterscotch sauce for an ice-cream topping, too. A treat!

"One-Bowl"
Coconut Drop Cookies

2 cups all-purpose flour, sifted
1 tsp. double-acting baking powder
½ tsp. Durkee's Nutmeg
1 cup sugar
½ teaspoon salt
2 large eggs
Grated rind 1 lemon
1 can—or 1 package Durkee's Coconut
½ cup Durkee's Margarine
1 tsp. Durkee's Orange Extract
½ cup milk*

Have all ingredients room temperature. Grease two cookie sheets. Preheat oven to 375° F. Sift dry ingredients into large bowl. Add lemon rind and Coconut and blend well with wooden spoon. Add margarine. Add Orange Extract to milk. Add milk (*use 2 extra tablespoons milk if you use Dry Coconut) and 1 egg and beat 150 strokes—or 1 minute slow-to-moderate speed in electric mixer. Add second egg and beat another 150 strokes. Drop mixture from teaspoon onto greased cookie sheets. Bake in moderate oven (375° F.) 12-15 minutes. Yield: Approx. 4½ dozen cookies.

For other fine recipes write Durkee Famous Foods, Dept. BH4-9, Elmhurst, Long Island, N. Y.



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"Come for Dessert at 8!"

Frosted grapes and strawberries **Cheddar cheese cubes**
RITZ CRACKERS

It's the *newest*, nicest thing-to-do—inviting guests for *dessert!* But dessert must be *good*—and on the "filling side"! Try this "Party Fruit Plate," enlivened with RITZ CRACKERS. Frost the grapes beforehand. Dip in slightly beaten egg white. Drain. Sprinkle with sugar. Dry. Serve fruits and cheese on plate with crisp, tangy RITZ CRACKERS. They give this dish the sprightly flavor—make your party idea a delightful inspiration! Guests *always* love RITZ CRACKERS—*your* cue to a gracious way to say "Come again!"

"NOTHING TASTES AS GOOD AS RITZ—BUT **RITZ!**"



Spring house-cleaning tips

How to wash and iron curtains

By Jessie Prather

Now is the time for spanking-clean curtains at your windows to match the sparkle of the house you've cleaned. Here are some tips which will help you do a professional curtain washing and ironing job, so your curtains will hang straight, and look crisp and bright.



How to wash curtains

To get rid of any surface dust on curtains and thus make your washing job easier, go over the curtains with vacuum attachment or shake them vigorously



Measure curtains before washing, so you can stretch them back to proper size and shape. To save time next curtain washday, keep these measurements. If you have a curtain stretcher, you can save resetting it by washing all the curtains of the same length at the same time

Photographs: Stanley



Mark the length of the curtain on your ironing board cover with an indelible pencil. This will give you an ironing guide to avoid having too-long or too-short curtains. Use this trick for the curtains you wash often

More on page 91

See Hotpoints "Pushbutton-Cooking"

-with wonderful "Talking Colors!"



Here's The Thrilling New Easier Way To Cook That Everyone Is Talking About!

ALL you do is push a button! Just select which of Hotpoint's five measured heats you want—then press one of Hotpoint's amazing new Pushbutton Controls. Instantly Hotpoint's Calrod® Units respond. Instantly a colored light glows on the beautiful Hotpoint back panel, telling you that the unit is on at *the exact heat you want.* It's far simpler, more convenient, and best of all, more *accurate.* You're sure of better cooking results. And you'll be thrilled with all the other Hotpoint advancements.

● **Hotpoint DeLuxe Ranges** with Pushbutton Controls and sensational "Talking Colors," are available in both single- and double-oven models. Hotpoint Rotary-Switch Electric Ranges —newly designed for 1949—are loaded with Hotpoint style and convenience features and budget-priced for every pocketbook. Hotpoint Inc. *(A General Electric Affiliate),* 5620 West Taylor Street, Chicago 44, Illinois.

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Hi-Speed Broiler broils steak for 12 people in 10 minutes; seals in all the juicy goodness and flavor.



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CHEERFUL CONTEMPORARY good living is reflected in this beautiful furniture. It is really two rooms in one—sophisticated and yet informal —and made to order for today's living.

It has the warmth and charm redolent of the Great Houses of the Old Dominion. Like the finest Americana in museums and historic homes, it is worked in the cabinet maker's dream wood, SOLID WILD CHERRY . . . which never ages, but mellows and becomes more lovely as the years go by.

The classic simplicity of design blends with every style and decor, and "mixes" with every wood.

Yet for all its grand look and the honest hand workmanship that makes it truly heirloom quality, the price is more than surprisingly low. All the pieces shown above—18 of them—cost only about $1500*, and individual pieces are proportionately low priced.

**This price is approximate and will vary somewhat in different localities.*

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See it

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Rockford, Ill. Henry Lindber
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San Antonio, Texas Karotkin
San Francisco, Cal. W. & J. Sloan
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WILLETT *Wildwood* CHERRY

America's largest maker of solid maple and cherry furniture for living room, dining room and bedroom.

How to wash curtains

Begins on page 88



Protect net or filmy lace curtains in washing machine by putting each panel into a pillowcase and basting top of case shut. If you are going to dry curtain on a stretcher, baste a strip of cheesecloth or muslin around edge of curtain before tucking into pillowcase. Then you can fasten pins of stretcher into the cloth strip so pins won't catch the curtain



Or baste curtains to a sheet. This takes more time but allows free motion in the washing machine. If you have a curtain stretcher, fasten the pins into the sheet so you won't tear the fragile curtain. If you have no curtain stretcher, spread the curtain and sheet on terry-cloth towels to dry; the sheet will act as a guide for shaping and straightening the curtain



There's a special dye you can buy to pep up the ecru tone of curtains. Dissolve the dye in a saucepan of boiling water, add it to the last rinse water, and stir thoroughly. Add curtains, and swish them about in dye solution until they are the desired tint. Washing-machine action assures even tinting



Put curtains through wringer in straight lengthwise folds so they won't pull out of shape. When drying curtains on line, hang with generous overlap so corners won't be pulled by clothespins. Roll rayon curtains in a terry-cloth towel and iron them on wrong side while still slightly damp

More on next page

Quick as a flash



Heat · Eat · Enjoy

Van Camp's SINCE 1861 · Stokely's *Finest* SINCE 1898 · Honor Brand Frozen Foods SINCE 19

Better with Butter

DELICIOUS

GOOD EATING and LOW COST LIVING!

BREAD and BUTTER . . . "Staff of Life" brought to luxurious goodness with the matchless flavor of golden BUTTER! So economical! Yet tastier, more nourishing than fancier foods costing much more. So many ways to fix 'em, too . . . good in *every* way. Serve these four, often . . . for good eating and *low cost living.*

FRENCH TOAST and BUTTER (6 slices) . . . Beat 2 eggs well. Add ½ teaspoon salt, 1 tablespoon granulated sugar and ¼ cup Milk. Pour into a shallow dish. Dip each slice of bread, turning to soak both sides. Brown both sides with hot BUTTER in frying pan. Serve hot, topped with BUTTER and maple syrup, honey, molasses, jelly or applesauce. *Umm! Taste 'em!*

HOT BISCUITS, MUFFINS or BUNS . . . and BUTTER . . . Satisfying taste delights . . . made BETTER with BUTTER. Whether you buy baked goods or make them yourself, these hot BUTTERED treats sustain and satisfy. And oh, how good . . . hot, browned and BUTTERED!

SWEET ROLLS or COFFEE CAKE . . . BUTTER 'EM . . . So easy, inexpensive, to buy ready-baked . . . or to make, yourself, from choice ingredients or time-tested mixes! But baked or bought . . . they're always BETTER with BUTTER.

BUTTERY BREAD PUDDING . . . Delicious, low-cost recipe: Melt 2 tablespoons BUTTER and combine with 3 slightly beaten eggs, ½ cup sugar, ¼ tsp. salt, 1 tsp. vanilla and 1 quart Milk. Mix and pour over 3½ cups bread, cut in cubes. Bake in moderate oven, 350° F., 45 to 50 minutes. (NOTE: If bread is dry, heat it in the Milk before adding other ingredients.) Serve piping hot. BUTTERY, smooth, delicious . . . good eating and *low cost living!*



BETTER with BUTTER

Rich in golden goodness . . . that's nature's trademark for BUTTER. The concentrated goodness of four pints of Cream is required to make every pound. BUTTER makes so many other foods taste so much better. On bread, toast, biscuits, buns . . . on pancakes, vegetables . . . in cooking, baking, frying . . . there's nothing like BUTTER. Rich in natural vitamins, high in food energy . . . BUTTER is America's symbol of good living.

FIRST IN FOODS

"Voice of the Dairy Farmer"

AMERICAN DAIRY ASSOCIATION

20 N. Wacker Drive Bldg., Chicago 6, Illinois

How to wash and stretch curtains

Continued from preceding page



To wash shower curtains—spread curtain flat, sponge a small area with warm suds, wipe with damp cloth, and dry with soft absorbent cloth. Or dip entire curtain into wash and rinse waters (but don't twist or wring the curtain). Hang curtain, unfolded, in the shade



A curtain stretcher which is adjustable to any size curtain is a valuable aid to curtain washing. Pin the upper right-hand corner of curtain first, next fasten lower right corner, then do the edge between as in the photograph. You'll notice that we've basted a cheesecloth strip around the edge of the curtain to fasten to the stretcher pin



Sash curtains may be hung in place at window while damp, and dried smooth by drawing a curtain rod through hem and pulling taut

More on page 94

YOU CAN BE SURE..IF IT'S Westinghouse



SAVE HOT WATER AND SOAP with the new *Laundromat*

The New "Wash" Word is Laundromat! Here's why:

The Laundromat is Completely Automatic . . . Fills itself with water, triple-rinses, damp-dries, cleans itself and shuts off . . . *all automatically*. Water never touches your hands.

It Gets White Clothes Whiter . . . colored clothes brighter. Washes easier . . . cleaner. Convenient slanting front. No stooping, no bending. Easier loading and unloading.

Get the Proof Before You Buy . . . Phone your Westinghouse retailer. Arrange to see a load of *your* clothes washed *thoroughly clean* . . . the *easy* Laundromat way. It's free! Act today.



. . . only Westinghouse gives you the

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. . . actually saves up to 10 gallons of water per load

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Buy the Laundromat . . . Install it anywhere . . . there's no vibration. No bolting to the floor is needed.

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EVERY HOUSE NEEDS A **Westinghouse *Laundromat*** AUTOMATIC WASHER

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TUNE IN TED MALONE . . . EVERY MORNING, MONDAY THROUGH FRIDAY . . . ABC NETWORK

How to be sure what you're getting

when you choose sofas and chairs

Between a *bargain* and a *value* there's *this vast difference* . . . knowing or not knowing *exactly* what you're getting. Standard of Value upholstered furniture by Tomlinson represents 49 years' research as to *maximum value* . . . in construction, style, tailoring and SPRINGDOWN* comfort. Here's a sound investment in pleasure, performance and beauty. Sofas at $298, chairs at $139.
(Slightly higher West of the Rockies.)



*T. M. REG.

write today—a postcard for the name of your nearest store featuring Standard of Value.

TOMLINSON, HIGH POINT, NORTH CAROLINA

How to iron curtains

Continued from page 9



Iron ruffles first. Then line u edges of hems, letting th ruffle extend, as in photc graph. Keep edges in plac with your free hand as yo guide iron with other hanc Place iron on a section c hemline until hem's about dry then lift iron to another section Dragging iron along wet her may stretch hem and make peaked corner. After ironing hem, run iron lightly over cur tain in short lengthwise sweeps Turn curtain and iron other hal in same way. Then unfold an apply finishing ironing touche



If you have an ironer, you'll be able to do ruffled curtains on it expertly. First, iron the casing top by running it along the edge of the ironer shoe. To iron the ruffles, roll the rounded edge of the ironer shoe into the gathers, release, and repeat. See photograph at right



Small pleats of narrow ruffle can be replaced by ironing them over a fork. Slip the ruffle between the tines of the fork. Space the pleats to suit. Press lightly, take out fork, and press firmly. Repeat until the entire ruffle is pleated. You gain speed as you go along



Fringe trimming on curtains or draperies may be straightened by brushing it with a clean whisk broom after it's washed. Don't run the fringed curtain through the wringer; it will flatten and tangle the fringe. When you are making or buying fringed curtains or washable draperies, be certain that the trim is color-fast. Otherwise it's necessary to rip the trim off and wash it separately—a lot of extra work



Fish Dinners



They can be marvelous—if you know these chef secrets!

Don't serve fish for economy's sake alone! It can be so wonderfully appetizing, if you prepare it properly. And, actually, that's easy as falling off a wharf. Just keep these points in mind:



1. When you buy your fish, make sure it's fresh: gills red, scales bright, flesh firm and elastic.

2. Fresh-frozen fish is excellent, too. (Just be sure you never let it thaw and then refreeze.)

3. Whether you bake, boil, broil or fry fish, rub both inside and out with fresh lemon juice. It's the perfect seasoning, and banishes most fish odor!

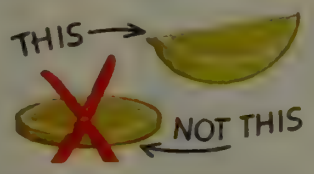
4. The biggest secret of fish cookery is:—Whatever recipe you use, *don't overcook*. That way you keep the rich juices and delicate flavor.

5. Baked fish sometimes tends to be dry. You can overcome that completely with this sauce. It's simple as can be, yet a real gourmet's delight:

FISH SAUCE A LA SUNKIST

½ cup mayonnaise
4 tbs. catsup
2 tbs. fresh lemon juice
2 tbs. chopped sweet pickle

Stir together, serve in bowl or pitcher. Serves 6-8.



6. No matter how you serve fish or sea food, garnish it with lemon. Every chef will tell you—"Lemon and fish—they were made for each other!" Serve your guests all the lemon they want. *Not* flat slices that are hard to squeeze, but thick, generous wedges and plenty of 'em. So that the tang of fresh lemon can enhance the flavor of every delectable morsel!

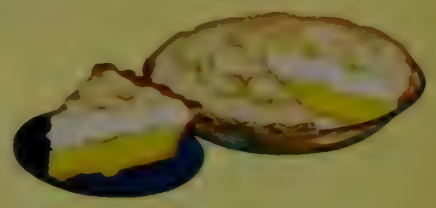


Good ideas from the Sunkist Kitchen

Another Lenten suggestion that's simple and delicious is this from the Sunkist Lemon Recipe Book (see below) :

PACIFIC COAST FISH SALAD

Combine: 2 cups flaked tuna or salmon; 2 cups shredded lettuce; ½ cup finely cut celery; 3 tablespoons minced pimiento; ½ cup Sunkist lemon pulp and juice. Serve with mayonnaise and lemon wedges.



HOW DO YOU SPELL SCRUMPSHUS?

Is there any dessert as good as a flaky lemon pie topped with fluffy meringue? One *easy way* to turn one out is just to buy some Sunkist Lemons at your market plus a package of Pillsbury Pie Crust Mix—and follow the lemon pie recipe that's on the package. Why not serve it tonight?

There are ten (10!) other lemon pies in that famous Sunkist Lemon Recipe Book, selected by our own Sunkist Home Economists.



FRESH LEMONS PROVIDE VERY SPECIAL HEALTH VALUES

Fresh lemons supply not only valuable amounts of vitamin B_1 but also rare vitamin P, and are among the *richest known sources* of vitamin C. Essential for youthful energy, sound teeth and gums, vitamin C is absent from most foods, scarce in most others. *You need it daily*. Whenever you add lemon you *add health*.

Have you discovered how fresh lemon juice livens the flavor of French dressing? Try it.

Eight out of ten tea drinkers prefer their tea with lemon. Don't fail to give *your* tea the extra flavor and bouquet that fresh lemon gives.



Lemons help in so many ways! You need them every day. Remember them when you shop!

For the best lemons, get Sunkist in trademarked wrappers. Finest from 14,500 cooperating California and Arizona citrus growers.

For scores of wonderful new recipes, and ideas that make good foods better and housekeeping easier—**send for that famous Sunkist Lemon Recipe Book.** Free. Just write Sunkist, Sec. 5204, Box 2706, Terminal Annex, Los Angeles 54, California.

VARIATIONS GALORE . . . BUT ALWAYS

6-way nourishment

from ENRICHED BREAD and FLOUR

PROTEIN
To help build and maintain healthy body tissues

NIACIN
elps keep tissues healthy and revent pellagra

RIBOFLAVIN
An important vitamin for children's growth

THIAMINE
(Vitamin B_1) For healthy nerves, normal appetite

ACCEPTED COUNCIL ON FOODS AND NUTRITION AMERICAN MED. ASSOCIATION

FOOD ENERGY
To maintain proper weight and vitality

IRON
Helps build the red blood needed for health



Party Fare: Biscuit Fans of rich baking powder dough with jam filling.

ink about all the wonderful things made from hite flour . . . golden-crusted loaves of bread, ery hot biscuits, stacks of nut-brown pan-, tender rolls fragrant from the oven. The table list would stretch from breakfast to ight.

u used to enjoy these foods just because they d good and filled you up. But see those flags he story *they* tell! Modern *enriched* bread and give you *6-way nourishment* with every deli- bite . . . six real contributions to the all- l balanced diet needed for buoyant vitality.

BREAD FATTENING?" No more so than ther food of equal energy content. Nutrition- oint out that the carbohydrates of bread are converted into energy to be used by the as needed.

SERVE PLENTY OF BREADS EVERY DAY. So economical, delicious so many ways. Look for the panel that says "Enriched" on wrappers of white bread that you buy.

SUCH TEMPTING VARIETY at your baker's. Mouth-watering rolls, breads, cookies. Ask whether they're enriched when you buy . . . that 6-way nourishment is important!

"RIGHT OUT OF THE OVEN"... those flavorful biscuits, muffins, cookies and pies that win cheers from your family and guests. Always buy flour labeled "Enriched" for better nutrition.

EAT FLOUR INSTITUTE

Copr. 1949 by Wheat Flour Institute
309 W. Jackson Blvd., Chicago 6, Ill.

Partitions organize dresser-drawer space



Extra-high mahogany chest has 12 big drawers—enough drawer space for two persons, or as much storage as you'd get from an average chest plus a dresser. Stationary partitions in top four drawers help organize socks, gloves, handkerchiefs

Photographs: Suter, Hedrich-Blessing, Ltd.



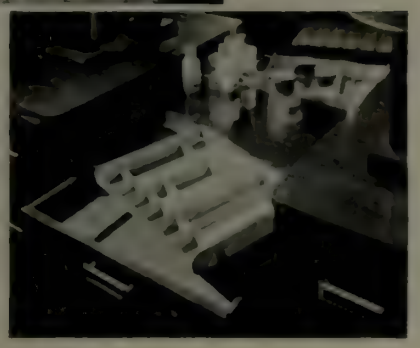
Trim-lined walnut chest has two adjustable partitions in each of its three drawers. Close-up shows how you can move partitions back and forth to get the exact space you need for shirts or pajamas. Metal clips slide into grooves cut inside the front and back of the drawer. Wood dividers then fit snugly between each pair of clips



Well-planned drawers with permanent or adjustable partitions are an important feature of the new chests and vanities. Partitions fit the drawers to your exact storage needs, and help you to keep clothing and cosmetics in order. Here are some of the partition arrangements to look for.



Walnut vanity with four deep side drawers takes the load off dresser drawers. Built into the matching bench is a divided hosiery drawer which you can pull out while you're sitting on the bench. Close-up of the middle drawer of the vanity shows the partitioned plastic vanity organizer that fits inside





Mahogany lift-lid vanity has neat compartments in the top to hold each bottle or jar of make-up separately. Jewelry fits in pull-out section of the upper left drawer. There's a hidden drawer for jewels, too, under the cosmetic compartments

Where to get it, page 299

A MEAT meal in a MINUTE!



KINGAN'S LUNCHEON MEAT K-P !

KINGAN'S K-P is all meat—a tasty blend of Kingan's Reliable pork and beef—deliciously seasoned, delicately spiced. No waste . . . and an extra bonus in flavor that adds pleasure to every meal.

Ready to serve, hot or cold, in dozens of ways. With a few cans of this fine meat on your pantry shelf, you are always ready for good eating at a moment's notice.



15 VARIETIES of DELICIOUSLY PREPARED CANNED MEATS

Corned Beef Hash
K-P Luncheon Meat
Spaghetti and Meat
Beef Stew
Vienna Sausages
Liver Spread
Potted Meats
Chili Con Carne
Hamburger Patties
Beef with Gravy
Pork with Gravy
Pork Sausages
Picnic Spread
Skinless Wieners
Lunch Tongue

Backed by over 100 years of Reliable Meat Processing
KINGAN & CO., Indianapolis, Indiana

Easter Glory Cake

Make a thrifty two-egg cake using recipe on Swans Down Cake Flour box. Then go Easter-elegant with this luscious, fluffy Baker's Coconut frosting. De luxe eating—at very little cost!

2 egg whites, unbeaten
1½ cups sugar
⅓ cup water
2 teaspoons light corn syrup
1 teaspoon vanilla
1½ cups Baker's Coconut

Follow frosting directions on Baker's Coconut package. Spread on cake and sprinkle with flavor-fresh Baker's Coconut. Fill nests in coconut with jelly beans.

Economy cake goes Easter-elegant with BAKER'S COCONUT!

EASTER—and your heart says, "Make a lovely ke!" while your budget says, "Go *easy!*" But ous Baker's Coconut can help you do *both!*

rst, make your most economical cake and as shown above. Then drift it high with ten- snow-white Baker's Coconut. And behold—an er Glory Cake!

ker's Coconut is now in stores everywhere. it often to glorify thrifty desserts! On fruits, D, custards, rice pudding, salads.

Products of General Foods



CHOCOLATE PIE. Make Jell-O Chocolate Pudding with 1¾ cups milk. Add ½ cup Baker's Coconut. Cool. Turn into pie shell. Top with meringue, sprinkle with crunchy-fresh Baker's Coconut and brown!

MBROSIA. Combine snowy Baker's oconut and cut-up Sunkist Oranges.

ead Pudding. Top with luscious ker's Coconut instead of cream.

ld Cereal. Sprinkle with coconut. ds love it!

NEW RECIPE BOOK! Send for colorful, idea-packed "Coconut Glamour Desserts." Yours for only 10¢! Address Baker's Coconut, Box D49, Battle Creek, Mich.

No tangle of cords or stooping with this

Electric night stand

If that tangle of electric cords and extensions discourages you when you try to dust your bedroom floor, you'll see the convenience of this new electric night stand that solves the problem. A single cord runs from the night stand to the nearest electric outlet. The stand itself is equipped with three electric outlets that can be used for a lamp, an electric clock, a radio, or an electric blanket.



Drawer of electric night stand may be opened from either side for access from twin beds. Tall shelf space is provided for radio or books; shallow shelf below is for magazines. Stand is finished in maple

Photographs: Hedrich-Blessing

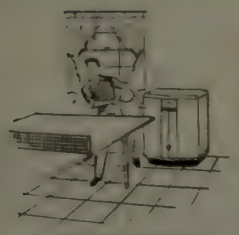


Rear view of night stand shows three-outlet plug and single cord from stand to nearest wall plug. Radio, lamp cords are neatly coiled and off the floor. Night stand is available now for less than $25

Now! The water heater you'll be proud to show *everybody!*

Beautiful *new* TOASTMASTER Water Heater fits into your kitchen . . . *or anywhere!*





RUMPUS ROOM

AT LAST! A WATER HEATER so smartly styled it's welcome in the kitchen, rumpus room—*anywhere!* Yes, the new "Toastmaster" *De Luxe* Water Heater *is* beautiful. You'll be proud (and smart) to install it in your kitchen where you need hot water most often. That means instant hot water, lower operating cost, and *less waste!*

IT'S ALL ELECTRIC—the *coolest, cleanest, safest* way to heat water. Best of all, *all* sizes—from the 40-gallon table-top model to the big 82-gallon beauty—are designed to fit perfectly in *your* kitchen!

AND ONLY THE NEW "Toastmaster" Water Heaters give you these three *exclusive,* money-saving advantages:

"LIFE-BELT"* ELEMENT . . . Wide band of gentle "black heat" prevents lime formation.

"IONODIC"* SYSTEM . . . Internal tank protection prevents rust, stops corrosion, doubles tank life.



UTILITY ROOM

TEN-YEAR GUARANTEE . . . A new element, new tank, or a *whole* new heater if failure occurs within 5 years. After 5 years, and up to 10 years, a new element, new tank, or new heater on an elapsed-service basis. No other guarantee being offered today is nearly so liberal!

Write for Catalog

SO, SEE YOUR dependable "Toastmaster" dealer, or write for the full-color catalog that will show you how styling, utility, and long-run economy make the new "Toastmaster"* Water Heater your one best buy! Write: *Dept. H, McGraw Electric Co., 5201 W. 65th St., Chicago 38, Ill., or 1055 W. 5th St., Azusa, Calif.*

NEW *De Luxe* MODELS IN FIVE SIZES!

40-gal. table-top, 40-, 50-, 67-, and 82-gal. capacities.



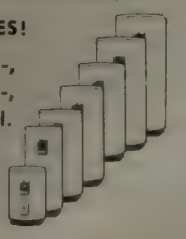
Built by the makers of the famous "Toastmaster" Toaster

TOASTMASTER

Automatic Electric Water Heater

NEW *Standard* MODELS IN SEVEN SIZES!

30-, 50-, 67-, 82-, 100-, 125-, and 150-gal. capacities.



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When budget woes have got you down,



And pocket books are thinner,
When buying rice say
RIVER BRAND
and watch the guests at dinner.



Full weight packages... quick cooking recipes provide easy answers to menu problems. Rice is the delicious basis for breakfast, luncheon and dinner dishes to suit every taste.



The wonderful new rice you've been hearing about.

HOW TO COOK RICE RIGHT

save time and fuss . . . retain nutrients . . . use this simple, tested recipe

1 cup RIVER BRAND or CAROLINA BRAND Rice, 1 tsp. salt, 1½ cups cold water. Wash thoroughly in 5 or 6 waters and place in 3 qt. pot with tight fitting cover. Place over moderate heat and bring to vigorous boil. This should take 8–10 min. When steam and foam begin to escape, turn heat down as low as possible and cook rice until tender—about 20 min. All water should be absorbed. Keep in warm place until ready to serve. Serves 5 to 6.

This tested recipe and 6 others on every package of River Brand and Carolina Brand Rice.

Milled and packed by
RIVER BRAND RICE MILLS, INC.

Quick desserts *They all start at the bakery*

By Leonore D. Freeman

Each picture below shows you how to make a quick, delicious dessert or snack. You buy a cake, cupcakes, a jelly roll, or sweet rolls at the bakery. Then you can do the easy tricks we show you. Each one is a short cut to a dessert that's easy to make and pretty to serve.



Bakery jelly roll makes

Party Torte

Cut jelly roll in ½-inch slices. Use slices to line bottom and sides of spring-form pan (upper right of picture). Fill with your favorite bavarian cream. Chill until set. Serve it at the table



Photographs: Wesley Bowman

Bakery pound cake makes

Coconut Cooky Bars

Slice pound cake ½ inch thick. Cut each slice in four strips. Spread three sides with butter and honey, roll in coconut, and place on greased cooky sheet. Toast a delicate brown in moderately hot oven (375°) 5 to 10 minutes. Serve the bars hot with coffee or tea or with dessert



Bakery sweet rolls make

Grilled Coffeecakes

Cut each frosted sweet roll in half. Spread cut sides with butter. Toast on griddle or in the broiler. Serve piping hot. They're a breakfast favorite, perfect with 10 a.m. or 10 p.m. coffee

More on page 102



Things you can learn from a wall-eyed pike . . . about choosing the right refrigerator

Ever put fish in the refrigerator and have its flavor leap to the butter?

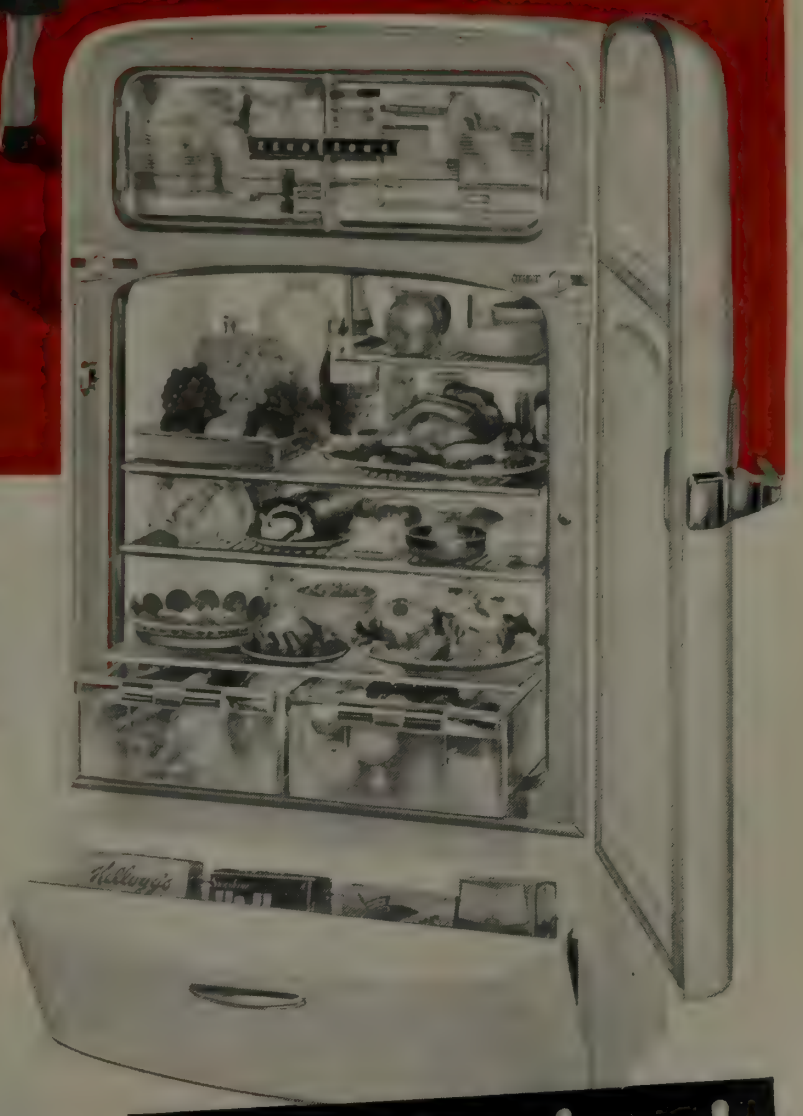
Flavors don't stray in an Admiral Dual-Temp—even though foods are *uncovered!* Reason? A whole new method of refrigeration that's *different! No coils to be defrosted!*

Foods don't dry out. Even *egg yolks* stay fresh for weeks in the huge *Moist-Cold Compartment* where there's an ultra violet Sterilamp to purify the air and prevent food spoilage.

Has a separate quick-freezing locker, too! Yes, in addition to the spacious Moist-Cold Compartment, the Admiral Dual-Temp has a freezing locker that can quick-freeze foods at *20° below zero* and store up to 70 pounds! Such a wonderful aid to shopping and meal-planning!

There's lots more to know about how *thrifty, roomy, quiet* and *beautiful* the Admiral Dual-Temp is. And the best way to find out is to visit your nearest Admiral dealer.

TELEVISION! See and hear "Admiral Broadway Revue" Fridays, 8 to 9 P.M. EST. All NBC stations.



No defrosting!

Admiral DUAL-TEMP

—with built-in Freezing Locker

Admiral Corp., Chicago 47, Ill., makers of Admiral Refrigerators, Ranges, Radios, Phonographs and Admiral "Magic Mirror" Television.

"Even my Severest Critic Applauded!"



"*With Mary and Mother out* for the day, I'll show some *real* efficiency in running the house!"

"*Housecleaning*—what a job! And look at the time! Gee whiz! Where did all the time go to! I'll never get dinner ready before the gals get home!"

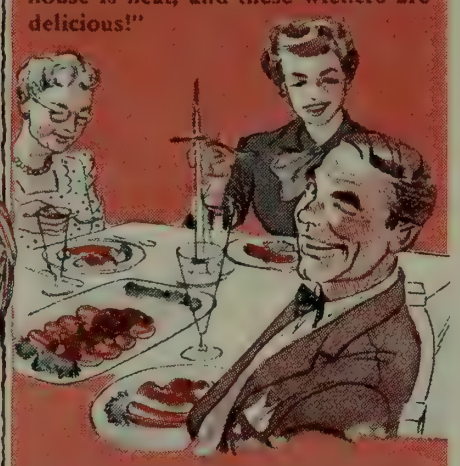


"*Hey, can you help a guy* who's got to get a swell dinner for two women in ten minutes?"



"*Easy! Here's* Oscar Mayer Wieners with mild Barbecue Sauce in a flavor-tight sack right in the same can! Both foods flavor-fresh till you serve 'em! Fix 'em in a minute."

"*I have to hand it to you,* Bill! The house is neat, and these wieners are delicious!"



"*It was a close call* until the grocer told me about Oscar Mayer Wieners with Barbecue Sauce!"

Amazing new food packaging creation!

ALL MEAT WIENERS

with their own SACK OF MILD

BARBECUE SAUCE

You'll never believe it till you try them!... Delicious as fresh home-cooked, tender, juicy, full-size wieners, glorified with *mild* barbecue sauce that comes in a flavor-tight sack right in the can. Ask your grocer for OSCAR MAYER WIENERS with mild BARBECUE SAUCE.

OSCAR MAYER & COMPANY
General Offices, Chicago, Illinois



Also plain, without sauce

FINE MEATS
Oscar Mayer
SINCE 1883

Quick desser

Golden sponge cake=Peach Shortcake



Cut sponge cake in serving squares. Top with canned sliced peach Thicken the peach syrup with a little cornstarch and add a drop two of almond extract. That quick the dessert's ready for the tab

Chocolate cake=Ice Cream Balls



Crumble semi-fresh chocolate cake to the fineness shown here. Eac ice cream ball is two scoops of ice cream. Roll ball quickly in crumb: Jiggle it on waxed paper. Keep balls in freezing compartment of you refrigerator or in home freezer. Serve with a thick hot fudge sauc

Cupcakes=Ice Cream Cones



Cut out top of cupcake with spoon. You'll get a cone-shaped piece. Fill hollow with ice cream or vanilla pudding; top with cake cone

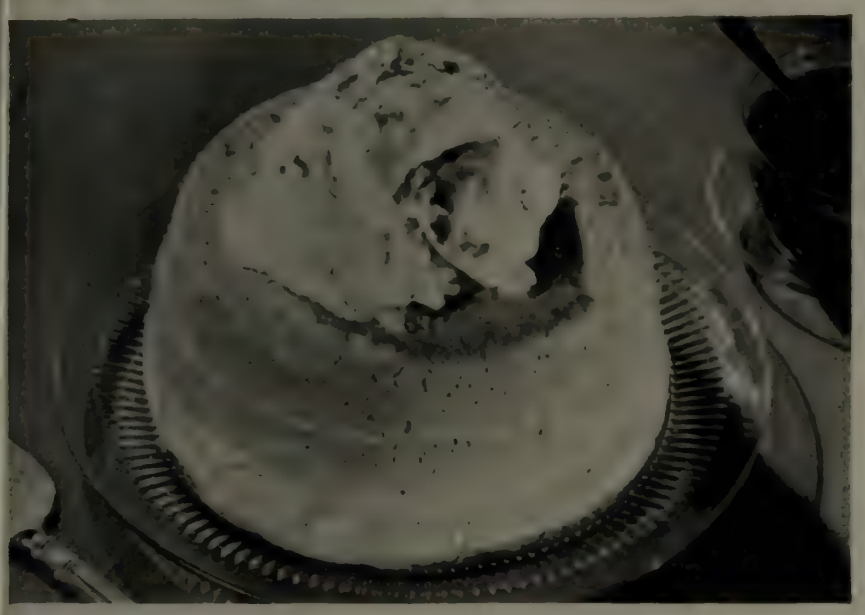
Begins on page 100

Loaf cake=Cake 'n' Ice Cream Sundaes



Line sherbet glasses with strips of sponge or loaf cake. Fill with ice cream scoops. Sprinkle with chopped nuts or drizzle with sundae sauce

Angel cake=Strawberry Crown Dessert



Spoon strawberry or mint ice cream into the center of an angel cake. Heap ice cream mound on top of the cake. Cut into generous serving wedges and top with fresh or frozen strawberries. It's simple to make and quick to do, yet an elegant dessert. Fit for a party or birthday

Home furnishings answers

Q. My fireplace is badly off-center. How can I have a balanced furniture arrangement in my living room? Mrs. J. H., Stanford, Connecticut.

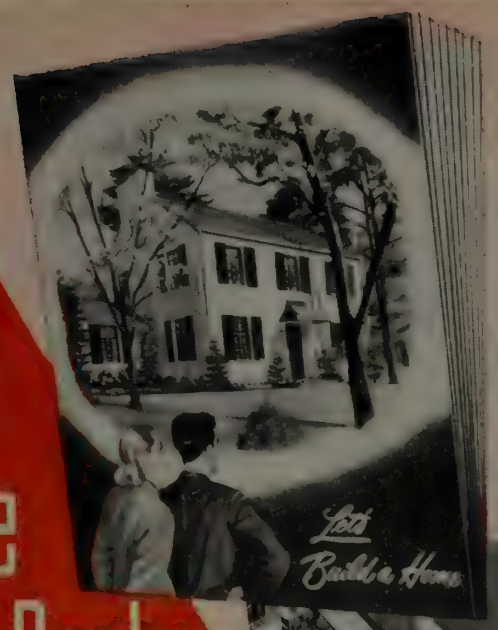
A. When your fireplace is off-center, plan a balanced furniture arrangement at the fireplace end of your room. Use the other end of the room for dining space, console tables or chests, a study group.

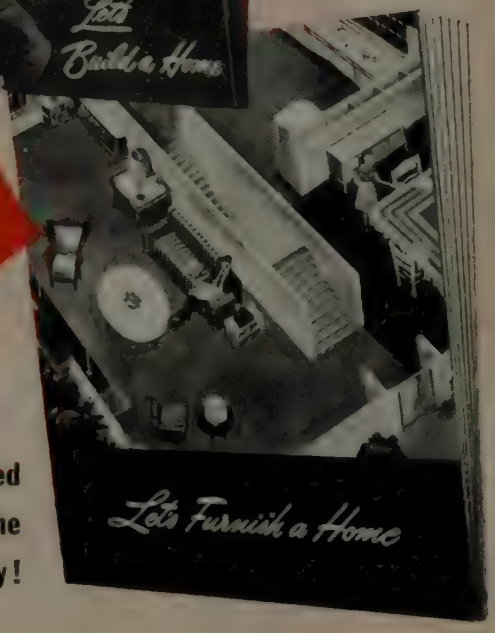
Set a good heavy piece of furniture—like a sofa or love seat—right opposite the fireplace. Don't even try to center the sofa on the wall or it will be out of line with the fireplace. Then arrange the room as a square or oblong around the sofa-fireplace balance.

Q. Do I need a fireplace or picture window to have a center of interest in my living room? Mrs. D. W., New Orleans, Louisiana.

A. No. Any handsome or unusual piece of furniture or group of furniture may easily become your room's center of interest. Just give it emphasis and added drama by arranging the rest of the room's furnishings around it. A sofa with a large picture above it, a group of matted prints over a radio console, a well-designed chair and end table, a piano, built-in bookshelves—any one of these makes a natural center of interest in a living room with no fireplace or picture window.

2 Free Idea Books that every home-lover should have...





Full of practical suggestions on how to make your home more attractive and livable with STEEL

Lavishly illustrated in full color. Send the coupon for your copies, today!

HERE are two noteworthy additions to your "dream house" file. "Let's Build a Home" deals simply and practically with the many ways in which steel can contribute, *structurally*, to the lasting beauty, strength and safety of your new home. "Let's Furnish a Home" discusses in equally simple and helpful terms, how you can get more for your money by investing in steel equipment for your home . . . including furniture, appliances, fixtures, wall coverings, heating systems, etc. Between them, these 2 books present perhaps the most complete information yet collected on the use of steel in modern residences. Illustrated in full color. 32 pages packed with useful ideas and information. Don't fail to get your free copies. Mail the coupon today!

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Everyone's Happy about this easier, tastier fudge.

It's the greatest recipe scoop since Toll House Cookies!



RECIPE
for Quick Fudge
on back of package

QUICK FUDGE

Made with NESTLE'S Semi-Sweet Chocolate

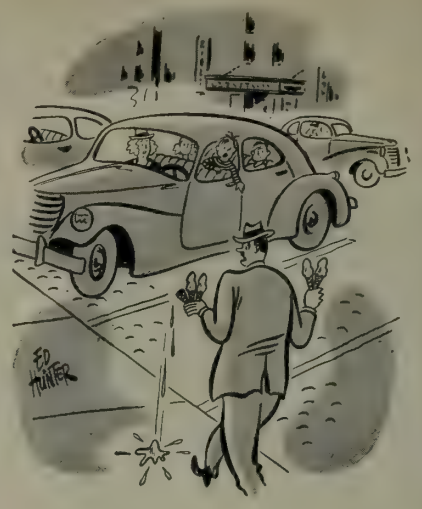
QUICK FUDGE is homemade—not a mix. To make it you need only two packages of Nestle's Semi-Sweet Chocolate Morsels and ¾ cup of sweetened condensed milk. You get 1¼ lbs. of delicious fudge . . . rich, real, homemade fudge that's bound to delight every member of your family. Try this popular new QUICK FUDGE—so easy, so quick, so unusually tasty! The recipe is on the package.

Get Nestle's Semi-Sweet Chocolate at your grocer's

HAVE YOU TRIED
TOLL HOUSE® COOKIES
LATELY?

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Recipe on back of package



"Oh! Daddy lost his ice cream!"

Rhubarb pie

Begins on page 86

Rhubarb Pie

3 cups rhubarb, cut in 1-inch pieces
1 cup sugar
½ teaspoon grated orange peel
3 tablespoons enriched flour
⅛ teaspoon salt
1 recipe Plain Pastry
2 tablespoons butter or fortified margarine

Combine rhubarb, sugar, orange peel, flour, and salt. Fill 9-inch pastry-lined piepan; dot with butter and adjust top crust. Bake in hot oven (450°) 10 minutes, then in moderate oven (350°) about 30 minutes.

Rhubarb Cream Pie

1½ cups sugar
3 tablespoons enriched flour
½ teaspoon nutmeg
1 tablespoon butter or fortified margarine
2 well-beaten eggs
3 cups rhubarb, cut in 1-inch pieces
1 recipe Plain Pastry

Blend sugar, flour, nutmeg, and butter. Add eggs; beat smooth; pour over rhubarb in 9-inch pastry-lined piepan. Top with pastry cut in fancy shapes. Bake in hot oven (450°) 10 minutes, then in moderate oven (350°) about 30 minutes.

Plain Pastry

1½ cups enriched flour
½ teaspoon salt
½ cup shortening
4 to 5 tablespoons cold water

Sift flour and salt; add shortening. Cut in with pastry blender or blending fork until pieces are the size of small peas. Add cold water by teaspoonfuls, tossing with a fork until all the flour-coated bits of fat are barely dampened. Turn the mixture onto a square of waxed paper. Gather up corners, pressing from the outside to form a compact ball. Divide for lower and upper crust. Chill for easier handling.

Pickle liquor left in the bottle after the last gherkin or olive is gone? Don't toss it out. Use it as the vinegar in cabbage slaw or chef's salad. Or use it as the vinegar for Harvard beets.—*Katherine S. Lobach, Akron, Ohio.*

want a "french" French Dressing?

Miracle French is the kind for you! Subtly seasoned, with the merest hint of garlic, it has the Parisian accent you've been looking for.



NOTE: *If you don't want even a "hint" of garlic, get* Kraft *French. It's immensely popular.*



Win more friends to fish! Lea & Perrins Sauce will make it more *flavorful!* Stir this famous seasoning into the sauce—and *there's* new zest for fish! Lea & Perrins adds tang to fish, meat, gravy, soup. For extra seasoning, use at the table.

LEA & PERRINS Sauce
THE ORIGINAL WORCESTERSHIRE
A favorite for over 100 years

FREE! *Recipe Book. Write Lea & Perrins, Inc., 241 West St., New York 13, Dept. B-4.*



Do you want your silver to sparkle? Write for our folder "Household Uses for Baking Soda."

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BAKING SODA
BOTH PURE BICARBONATE OF SODA
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FOR EXTRA RICH BROWN DELICIOUS
GRAVY
USE KITCHEN Bouquet

Kitchen Bouquet offers the easy, never-fail way to get *extra* rich, brown, delicious gravy! Adds no artificial flavor —simply steps up true meat taste. Helpful recipes with every bottle.



Easy to operate; cuts lids OUT of round, square or oval cans. 5-year refund guarantee.



LEAVES SMOOTH SAFE EDGE

KVP PIE TAPE

When baby switches to a cup

Begins on page 18

he's willing to give up bottle or breast-nursing entirely and take all his milk from a cup.

Baby may cling to one certain bottle feeding long after he has stopped demanding the others. Don't hurry him to give up this last bottle if it seems to comfort him. However, you can offer him milk from a cup before letting him have the bottle he wants. If he drinks some of the milk in the cup, decrease the amount in the bottle. After a time, he will take all his milk at that meal from his cup and will forget about the bottle entirely.

A breast-fed baby usually is weaned at about the eighth or ninth month. A bottle baby of this age may be harder to wean, particularly if he is in the habit of having a bottle in bed at nap and bedtimes. To avoid this difficulty mothers of bottle-fed babies should hold them in their arms for these feedings, instead of tucking baby in bed with his bottle.

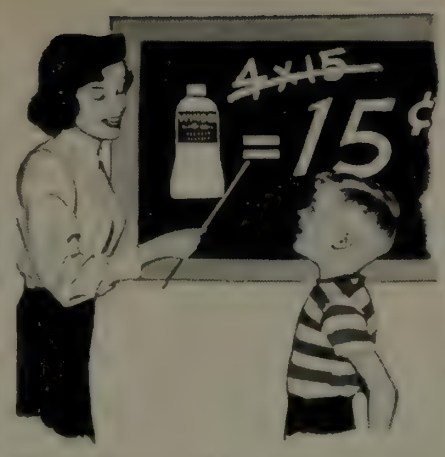
If your baby balks at drinking from a cup, or refuses to give up any bottles or nursing periods at all, drop the matter for a month or so. Continue offering him an occasional sip from a little glass or cup. But keep the whole business on a friendly basis.

If your baby wants to hold the cup by himself, let him, even though he spills most of the milk. A small, 1-ounce glass may strike his fancy and will just fit his hand. From that, you can graduate him to a larger mug which he can hold in both hands. A colored glass or cup with an animal stencil may entice him, too.

When Baby is taking a fair amount of milk from the cup and doesn't seem particularly interested in his bottle, don't try to force the bottle on him just because you feel he isn't getting enough milk. You may only fix the bottle habit and make it more difficult to eliminate later. If he is drinking as much as 16 ounces of milk, is eating other foods well, and doesn't want his bottle, you're safe in banishing it.

Baby's own inclination is your guide in weaning. Don't worry if he's slow to change over; and don't be too smug if he seems to be accepting the new method without protest. He may backslide during a sick spell or when he's teething. Don't measure your baby's readiness by the time some other baby was completely weaned. Some babies don't lose their liking for milk from a bottle until they are 18 months, or older. Your baby may be one of these.

Onion odor on your hands? Rub them with the cut end of a celery stalk. Strong onion odor vanishes; your hands smell sweet and fresh. —*Vella M. Strode, Vancouver, Washington.*



Some cleaners cost *four times* as much
As handy WINDEX SPRAY!



But they can't beat the sparkling gleam
You get the WINDEX way!



When April showers (that bring flowers)
Bring dirty windows, too—



Keep speedy WINDEX SPRAY on hand
To make them shine like new!



For cleaning *everything* that's glass
Fast WINDEX fills the bill!



It never leaves dust in the corners
(Many cleaners will)!



You spray a dash of WINDEX on—
You wipe it *right away!*



Nothing else but WINDEX makes
so short a cleaning day!

Copr. 1949, by The Drackett Co.

Why pay high prices for window cleaners? Windex is only 15¢! And nothing beats it for cleaning glass because it's made *especially* for glass. Windex leaves no oily, waxy film, no streaks, no dust. Insist on Windex every time!

Get Brighter Windows Quicker with—
WINDEX® Spray

Costs only 15¢—even thriftier in the big 20-ounce size.
TUNE IN: DOROTHY KILGALLEN, Thursdays. See local paper for time and station.

S-i-z-z-ling hot dogs



are so-o-o good



broiled with FRENCH'S





FREE! NEW RECIPE BOOK—"Dining Delights." Send name, address to The R. T. French Company, 1514 Mustard Street, Rochester 9, N. Y.

SMOOTHER CREAMIER!

Largest Selling Prepared Mustard in the U. S. today
Also made in Canada.

Where to get it

Most items shown in this issue should be available in your local stores. If, however, they are not, for your store's convenience in ordering, we list the names of the companies making the items.

Color schemes from carpets

List of stores showing these rooms, page 247

Page 51. Early American room. Upper photograph. Rug: Copper Rose, Beauvais 1823, Bigelow-Sanford Carpet Co., New York City.
All furniture: Consider H. Willett, Inc., Louisville, Kentucky.
Sofa upholstery: Kelly Green Sonora, The Shelton Looms, New York City.
Wing chair slipcover: Bromley Spartan 371108, Waverly Fabrics Div., F. Schumacher Co., New York City.
Draperies: Strawberry Patch 340009, Waverly Fabrics Div., F. Schumacher Co., New York City.
Curtains: Cortley Curtains, New York City.
Brassware: Art Colony Industries, New York City.
Picture: F. A. R. Galleries, New York City.
China: Spode "Rosebud Chintz," Copeland & Thompson, Inc., New York City.
Clock: Sharon 7 E, Seth Thomas Div., General Time Instrument Co., New York City.
Ash tray: Associated American Artists, New York City.
Rooster: America House, New York City.
Flower Bowl: Wedgwood.
Page 51. Early American room. Lower photograph. Shag rug: Wunda-Weve, Belrug Mills, Inc., New York City.
Sofa slipcover: Plymouth Valley Green 421, Saison Happily Married Fabrics by Bloom, Inc., New York City.
Wing chair upholstery: Monterey Chartreuse, The Shelton Looms, New York City.
Shades: Hough Shade Corp., Janesville, Wisconsin.
Cushions: Bloomcraft Products, New York City.
Curtains: Cortley Curtains, New York City.
Table Lighter: Ronson.
Page 52. Mixed-period room. Rug: Beige "Symphony," Gulistan.
Sofa, lounge chair, and tables: Tomlinson, High Point, North Carolina.
Victorian chair: Victorian Furniture Corp., Montgomery, Alabama.
Sofa upholstery: Warwick Mint, Kandell, Inc., New York City.
Lounge chair upholstery: Dalton Lime, Kandell, Inc., New York City.
Victorian chair upholstery: Brown satin 437, Saison Happily Married Fabrics by Bloom, Inc., New York City.
Draperies: Nantucket, Kandell, Inc., New York City.
Curtains: Bromley Mfg. Co., New York City.
Pictures: F.A.R. Galleries, New York City.
Wall brackets: Syracuse Ornamental Co., Inc., New York City.
Bird: Spode, Copeland & Thompson, Inc., New York City.
Ash trays: Associated American Artists, New York City.
Table lighter: Evans.
Blinds: Flexalum, Hunter Douglas Corp., New York City.
Page 53. Mixed-period room. Sofa slipcover: Plain and quilted chintz d2101, Everfast Fabrics, Inc., New York City.
Draperies: Rococo Damask 331183, Waverly Div., F. Schumacher Co., New York City.
Wallpaper: 2398-3, Artcraft Wallpaper Corp.
Figurines: Lenox.
Clock: Luster 7E, Seth Thomas Div., General Time Instrument Corp., New York City.
Seat cover on straight armchair: Sun Country 1247, Bates Fabric, Inc., New York City.
Page 54. Modern room. Upper photograph. Rug: Tapestry green, Caracul, 7545, Alexander Smith & Sons Carpet Co., New York City.
All furniture: Oakmasters Group, Grand Rapids Bookcase & Chair Co., Hastings, Michigan.
Sectional upholstery: Eden, Goodall Fabrics, Inc., New York City.
Lounge chair upholstery: Tuscan Satin, Moss Rose Mfg. Co., New York City.
Radio: 12H09 Zenith.
Wallpaper: Golden Gate 15134, United Wallpaper Co., Chicago, Illinois.
Clock: Ardmore, Westclox Div., General Time Instrument Corp., New York City.
Draperies: Rayburn 53, Golding Decorative Fabrics, New York City.
Curtains: Cortley Curtains, New York City.
Blinds: Flexalum, Hunter Douglas Corp., New York City.
Four fruit plates: America House, New York City.
China: Wedgwood.
Brass bowl: America House, New York City.
Table lighter: Ronson.
Page 54. Modern room. Lower photograph. Sectional slipcover: S-3257B, Louisville Textiles, Inc., New York City.
Lounge chair slipcover: Green Plaid, S3342, Louisville Textiles, Inc., New York City.
Draperies: Adrienne Green 341, Saison Happily Married Fabrics by Bloom, Inc., New York City.
Wallpaper: Block Weave 7082, Imperial Paper & Color Corp., Glens Falls, New York.
Page 55. Traditional room. Upper photograph. Rug: Marlborough, MH43, Mohawk Carpet Co., New York City.
Sofa, tables, and lounge chair: Heritage Furniture, Inc., High Point, North Carolina.
Desk chair and piano chair: Consider H. Willett, Inc., Louisville, Kentucky.
Piano: Musette, Winter Co., New York City.
Radio: Bendix.
Sofa upholstery: 3/3043, Louisville Textile, Inc., New York City.
Lounge chair upholstery: Red Damask 54816, Burlington Mills, New York City.
Draperies: Chartreuse Satin 331056, Waverly Fabrics Div., F. Schumacher Co.
Blinds: Flexalum, Hunter Douglas Corp., New York City.
Cushions: Bloomcraft Products, New York City.
Clock: Yukon, Seth Thomas Div., General Time Instrument Corp., New York City.
Horse: America House, New York City.
Heart Dish: America House, New York City.
Paperweight: America House, New York City.
White vase and plant bowl: Wedgwood.
Pen set on desk: W. A. Sheaffer Pen Co.
Cigarette lighter and tray: Ronson.
Picture over sofa: F. A. R. Galleries, New York City.
Picture over piano: Associated American Artists, New York City.
Lighter on step table: Evans.
Page 55. Traditional room. Lower photograph. Slipcover on sofa: Plymouth 323, Golding Decorative Fabrics, New York City.
Lounge chair slipcover: Brown stripe 3/4884, Burlington Mills, New York City.
Draperies: Cherry Satin 437, Saison Happily Married Fabrics by Bloom, Inc., New York City.
Curtains: Craftspun, Scranton Lace Co., New York City.
All rooms. Rug pads: Ozite.
Lamps: Lightolier, Inc., Jersey City, New Jersey.

Furniture news, bedroom spacesavers

Page 96. Partitions organize dresser drawer space. Walnut chest, adjustable partitions: The Mengel Company, Furniture Division, Louisville 1, Kentucky
Mahogany chest: Henredon Furniture Industries, Morganton, North Carolina.
Page 97. Partitions organize vanity drawer space. Lift-lid vanity: Henredon Furniture Industries, Morganton, North Carolina.
Vanity bench: The Mengel Company, Furniture Division, Louisville 1, Kentucky.

Ways to use odds and ends of dishes

Page 56. China: Corabel pattern, Onondaga Pottery Company, Syracuse, New York.
Tumbler: Duncan & Miller Glass Company, Washington, Pennsylvania.
Top picture, Winfield salad plate, butter plate, cup and saucer: American Ceramic Products Inc., 1825 Stanford Street, Santa Monica, California.
Tumbler: Blenko Glass Company, Milton, West Virginia.
Silver: Stradivari pattern, R. Wallace & Sons Mfg. Co., Wallingford, Connecticut.
Center, Salad plate, cup and saucer: Cemar Potteries, 3024 Roslyn Street, Los Angeles.
Silver: Mansion House pattern, Heirloom Sterling, Oneida, New York.
Tumbler: Laurel pattern, Fostoria Glass Company, Moundsville, West Virginia.
Bottom, Plate: Gladding, McBean & Company, 2901 Los Feliz Boulevard, Los Angeles.
Tumbler: Canterbury pattern, Duncan & Miller Glass Company, Washington, Pennsylvania.
Page 57. Spode Blue Tower dishes: Copeland & Thompson, 206 Fifth Avenue, New York City.
Tumbler: Crystolite pattern, A. H. Heisey & Company, Newark, Ohio.
Top left picture, Ruby glassware: Viking Glass Company, New Martinsville, West Virginia.
Silver: Pointed Antique pattern, Reed & Barton, Taunton, Massachusetts.
Cigarette table lighter: Ronson Art Metal Works, Newark, New Jersey.
Center left, White dishes: Traditional pattern, Josiah Wedgwood & Sons, Inc., 24 East 54th Street, New York.
Tumbler: American pattern, Fostoria Glass Company, Moundsville, West Virginia.
Silver: Grand Colonial pattern, R. Wallace & Sons Mfg. Company, Wallingford, Connecticut.
Lower left, White plate and cup: Traditional pattern, Josiah Wedgwood & Sons, Inc., 24 East 54th Street, New York City.
Tumbler: Cape Cod pattern, Imperial Glass Company, Bellaire, Ohio.
Silver: Puritan pattern, Frank M. Whiting, Meriden, Connecticut.

More on page 299



Try Marcia Camp's

Fruit Marlow

Talk about a luscious, easy-to-make ice cream—*this is it!* Just four ingredients . . . a pinch of time . . . and presto! you have the dreamiest, creamiest ice cream you ever tasted. Try it, and *see!*

- 8 oz. (2 Pack-ettes) Campfire, Angelus or Recipe Marshmallows
- 2 tablespoons milk
- 3 cups chopped canned peaches or pineapple, cherries or apricots
- ¼ teaspoon almond or brandy flavor
- ½ pint whipping cream (whipped)

Blend marshmallows and milk in saucepan over low heat, folding until marshmallows are almost melted. Remove from heat and continue folding until mixture is smooth. Cool. Gradually fold in fruit and flavoring (drain fruit before chopping). Fold this mixture into whipped cream. Pour into freezing trays. Freeze in refrigerator at coldest setting. Stir once when partially frozen. Serves 10.

for EXTRA goodness use
CAMPFIRE, ANGELUS or
RECIPE food marshmallows
They're pure—wholesome and more delicious

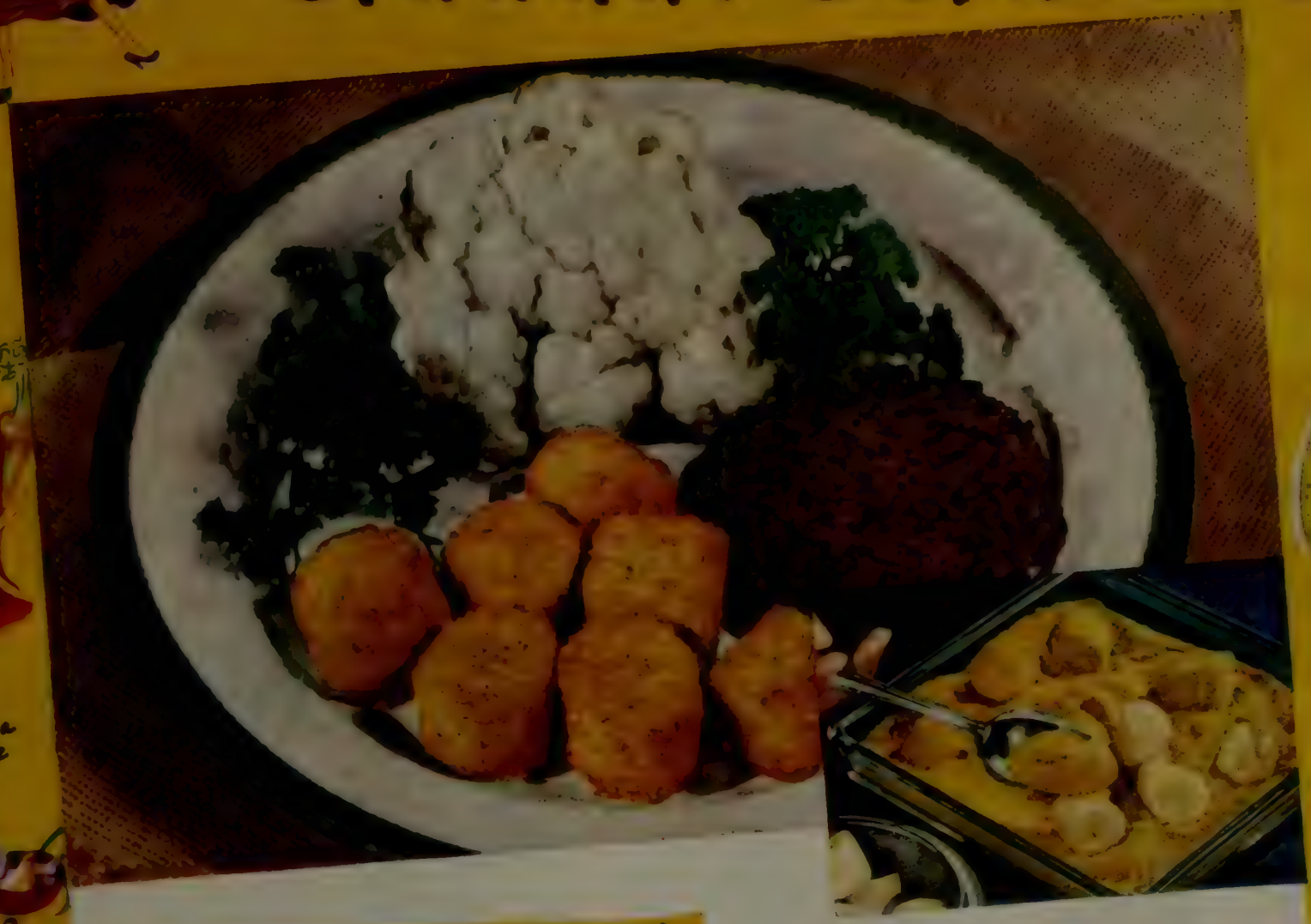


THE CRACKER JACK CO.
ALSO MAKERS OF CHUMS (Caramel Corn)
CRACKER JACK · CHECKERS · POPIT

CHIQUITA BANANA SAYS:

Here's a golden-brown surprise —

BANANA SCALLOPS



How to make BANANA SCALLOPS

Melted fat or salad oil
1½ teaspoons salt
1 egg, slightly beaten, or
¼ cup evaporated milk
6 firm bananas
¾ cup fine corn flake, bread or cracker crumbs or corn meal

For deep-fat frying, have deep kettle ½ to ⅔ full of melted fat or salad oil.

For shallow frying, have 1 inch of melted fat or oil in frying pan.

Heat fat to 375°F., or until a 1-inch cube of bread will brown in about 40 seconds. Add salt to egg or undiluted evaporated milk. Peel the bananas and slice crosswise into pieces ¾ to 1 inch thick. Dip into egg or milk. Drain. Roll in crumbs or corn meal.

Deep-fat fry or *shallow fry* in the hot fat 1½ to 2 minutes, or until brown and tender. Drain well. Serve very hot. Six servings.

Important. Have fat at correct temperature before frying.

UNITED FRUIT COMPANY

USE ALL-YELLOW OR SLIGHTLY GREEN-TIPPED BANANAS

Serve as a vegetable

for Banana Scallops choose all-yellow or green-tipped bananas

Easy to Digest

Full of Energy

French-fried bananas — new style

Company Dinner
Tomato Juice • Hamburgers
Banana Scallops
Cauliflower • Lettuce Salad
Orange Sherbet
Cookies • Beverage

Best for eating when flecked with brown

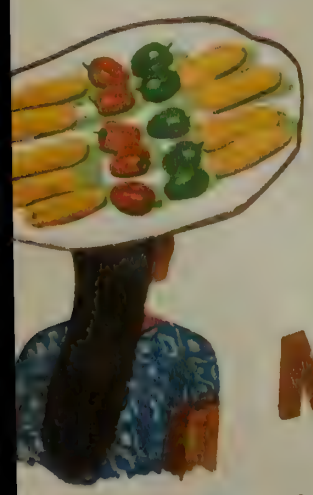


fiesta IN FOOD

Here's holiday from humdrum eating . . . tender Niblets Brand kernels of golden corn, bright bits of sweet red and green peppers, mingled together. Flavor-farmed for freshness . . . *packed at the fleeting moment of perfect flavor.* Niblets Brand Mexicorn, señora, at your grocer's.

N TO THE FRED
ING SHOW ON NBC
Y FRIDAY MORNING
THE GREEN GIANT.





NIBLETS BRAND MEXICORN

Minnesota Valley Canning Co., headquarters, Le Sueur, Minn.; Fine Foods of Canada, Ltd., Tecumseh, Ont. Also packers of Green Giant Brand peas.

"Green Giant," "Niblets," and "Mexicorn" are trade-marks Reg. U. S. Pat. Off. MVCCo © MVCCo.

A table broiler cooks on the spot



Table-broiler meals are easy, and your guests enjoy watching and whiffing!



Hot snacks. Bring your broiler to the living room for hot snacks to accompany tomato juice or fruit juice. Let guests help themselves. Here we've broiled Crab Meat-Bacon Rolls and Cheese 'n' Rye Rounds

Crab Meat-Bacon Rolls

½ cup tomato juice
1 well-beaten egg
1 cup dry bread crumbs
⅛ teaspoon salt
Dash of pepper
½ teaspoon parsley, chopped
½ teaspoon chopped celery leaves
1 6½-ounce can crab meat, flaked
12 slices bacon, cut in half

Mix tomato juice and egg. Add crumbs, seasonings, parsley, celery leaves, and crab meat. Mix thoroughly; roll into finger lengths; wrap each roll with ½ slice bacon and fasten with toothpick. Broil, turning frequently to brown evenly. Makes about 2 dozen rolls.

Cheese 'n' Rye Rounds

Place a thin slice of American cheese on slice of rye bread. Sprinkle cheese with paprika and top round with a thin slice of dill pickle.



Bacon and eggs. Place bacon in rack. When it's done on one side, slide eggs into the special "islands." Turn rack and broil till bacon and eggs are done to your liking. In a matter of minutes, breakfast's ready

By Frances Meyer

You plug in a table broiler wherever an electric outlet's handy—dining room, buffet table, in front of the fireplace, on the porch or terrace. There it goes to work—steaks sizzle to a juicy finish, chops and fish broil, hot snacks and sandwiches toast, or bacon and eggs cook for breakfast.

Your family or guests will enjoy watching the broiler perform. And you'll be able to chat with them while the food cooks under your watchful eye. Ideas shown in pictures are practical, quick, and easy.

For best results, preheat broiler about 5 minutes. Plug the appliance into a wall outlet—don't use an extension cord. The cord increases the resistance to the current and decreases the amount of heat which is available. Don't plug another heating appliance into the same outlet.

How to take care of your table broiler

When it's new:

Follow the manufacturer's instructions for cleaning your broiler before it is used.

After each use:

1. Remove the heating coil, since it *must not be immersed in water*. It's self-cleaning—the high heat of the element will keep it burned free of fat. The reflector to which the heating element is attached may tarnish with use, but this will not interfere with the broiler's efficiency.

2. Wash all other parts of broiler thoroughly in mild, soapy water and use a mild cleanser if necessary to keep it as sparkling as when it was new. It's the burned-on fat which discolors the finish.

More on next page

First cake mix to win raves from experts!

"It would be!"
Frances Barton says. "It's the only one made with Swans Down Cake Flour!"



Who's cheering loudest for the new Swans Down Instant Cake Mix?

Experienced cakemakers who have made cake the old way for years!

"Of course, I ought to have guessed it would be different!" You'll hear these women say. "It's made with Swans Down Cake Flour. You can see that Swans Down fineness just as soon as you cut a piece. And the flavor! So absolutely delicate and fresh!"

That's because every ingredient is in a class with Swans Down itself—the very best.

And all you have to do to get two layers of beautiful white cake is add milk, beat and bake.

Recipes with the box for yellow cake . . . chocolate cake, spice cake, orange cake, nut loaf, cookies, brownies . . . all marvelous!

● At your grocer's now—or coming soon!



Egg whites taste fresh as farm-fresh eggs. They're prepared for this Mix by an exclusive process.

Sweet, fresh shortening is used in this Mix. It's all-vegetable and especially stable—stays fresh longer.

Flavoring is subtle. Nothing loud or synthetic-tasting. A pure, delicate, homey fragrance.

A product of General Foods

Swans Down Instant Cake Mix

Now under this
fine quality brand...



Comes a delightful
surprise for you!



New Chunk Style tuna! same fine quality Star-Kist na packed a *new* way... in w chunk size! More con- ient, because it's just right your salads, hot dishes and dwiches. No flaking neces- —use Star-Kist NEW *nk Style* Tuna just as it es from the can! Costs less, because newly perfected machine-packing now gives you fine Star-Kist Tuna quality —more economically than ever before! You get the same, distinctive, Star-Kist Tuna flavor—the delightful flavor of the smaller, better-tasting tuna —packed a new, more convenient way, for every use.

FREE TUNA RECIPE BOOK. Economical, kitchen-tested tuna recipes. Colorful, 24-page booklet! Write: Star-Kist Tuna, Terminal Island, California, Dept. 30.

e Star-Kist *New Chunk Style* Tuna
in All Your Favorite Recipes!

A table broiler



Dress-ups for leftovers. For lunch or a midnight snack try these For Ground Beef Crisscross, spread seasoned ground beef on bun halves and broil for about 3 minutes on low heat. Then crisscross top with thin strips of cheese and finish broiling, about 7 minutes. Mix leftover baked beans with diced onion and chili sauce for Boston Buns. Heap mixture on buttered buns, and top with a half slice of bacon. Broil 15 minutes on low heat. Serve buns with assorted relishes and coffee or hot chocolate

Photographs: Wesley Bowman



Broiled salmon steaks. Use your broiler for moist, delicately flavored fish steaks. Secrets of the moistness: quick cooking; frequent brushing with salad oil. Cover the lower rack with aluminum foil, turned up at the edges to hold in any drippings. Use low heat and broil about 6 minutes on each side. When the fish is broiled, fold over foil and toss away. Serve fish with Cucumber-Butter Sauce (see recipe below), French-fried potatoes, new peas, cabbage-pepper slaw, fruit sherbet, and cookies

Cucumber-Butter Sauce

4 tablespoons butter or fortified margarine
1 teaspoon vinegar
1 tablespoon lemon juice
½ teaspoon grated onion
Dash of salt
Dash of pepper
4 drops Tabasco sauce
3 tablespoons grated cucumber
1 to 2 tablespoons chopped parsley or chives

Melt the butter or fortified margarine in a saucepan. Add vinegar, lemon juice, grated onion, salt, pepper, and Tabasco sauce. Add grated cucumber and chopped parsley or chives to sauce and pour over fish. Serve at once. Makes 4 to 6 servings.

cooks on the spot

Begins on page 108



Buffet burgers. Let guests help themselves to burgers piping hot from the broiler. Here we've broiled beef patties, trimmed them with a spicy sauce. Broil the patties on one side, then turn and, when burgers are almost done, swirl on Savory Sauce. Serve with potato chips, buttered green beans, jellied spring salad, and strawberry shortcake

Buffet Burgers With Savory Sauce

1 pound ground beef
Salt and pepper
½ cup cold water
3 tablespoons salad oil
1 teaspoon vinegar
2 tablespoons catsup
1 teaspoon sugar
1 tablespoon prepared mustard
1 tablespoon Worcestershire sauce
Few drops Tabasco sauce
1 clove garlic, chopped, or ½ teaspoon chopped onion

Combine meat, seasonings, and water; mix well and form in patties. Combine remaining ingredients and simmer 5 minutes. One tablespoon chopped onion may be added to meat patties and catsup or chili sauce substituted for sauce. Broil on high heat, 3 inches below broiler unit, for 5 minutes; turn and broil till well done. Add sauce 2 or 3 minutes before removing patties. Makes 6 patties.



Sizzling steak. Thick cubes of sirloin turn and sizzle on this revolving electric spit. During last 20 minutes broil potato slices, which are brushed with melted fat and seasoned, and brown-sugar-coated pineapple cubes on bottom rack. Have asparagus spears, salad bowl, and rhubarb pie. This broiler can barbecue a whole chicken or small roasts



Easy Recipe

Jeweled Fruit Mold

Very showy, but easy to do with luscious canned fruit cocktail!

1½ cups drained fruit cocktail
¾ cup fruit cocktail syrup
1 package lemon Jell-O*
1 cup hot water
½ cup heavy cream

Dissolve Jell-O in hot water. Add syrup and chill. When slightly thickened, fold in fruit. Turn half of mixture into 1-quart mold. Chill. Whip cream until thick and shiny, but not stiff, fold into remaining Jell-O mixture. Turn into mold over clear layer. Chill until firm. Unmold. Garnish with additional fruit cocktail if desired. Serves 8.

*Jell-O is a registered trade mark of General Foods Corp.

Company fruit bowl: (below) luscious, colorful fruit cocktail spooned right from the can! Perfect answer when you need a fast and fancy dessert. But don't stop there! Fruit cocktail is a magic 5-fruit blend with literally hundreds of uses. And what a time saver. No peeling! No dicing! No sweetening to do! Just think! Five delicious fruits . . . California golden peaches, pineapple, pears, cherries and grapes...ready fixed, ready to use!

You'll have great luck with fruit cocktail in upside down cakes, tarts, cream pies, and fruit cobblers. Or try it as a basting sauce for ham. With cottage cheese for salads! No canned fruit you buy has more appeal, more uses than this marvelous fruit five-some. Keep it pantry handy!

Copyright 1949, Cling Peach Advisory Board

Check the label—Choose your favorite brand of

Canned Fruit Cocktail from California

In glass or tin • wide variety of can sizes



You can improve your home with picture windows

Like any other innovation, picture windows often are misused. Many houses have picture windows, but nothing to see outside; others have picture windows out of proportion to the rest of the house.

First requirement of a picture window is that it frame a view. The view may be expansive, or it may be intimate.

A picture window can be of any size or shape—but its dimensions must look well not only in the room from which you see the view, but also from the outside of your house. Your own personal taste and the style of your house will determine whether the window will be a single pane of glass or a combination of several small panes, and what shape your windows should be.

These illustrations show you some of the ways picture windows can be used to improve and brighten your home.

More on page 117

Maynard Parker



Where privacy is no problem, picture windows can give you a view in all directions, even through the house. But remember—you can't have a long view and privacy at the same time. Space below broad sills is a good spot for cabinets. Architect: H. Roy Kelley



A picture window can give you a winter scene as beautiful as a summer view, but glare must be controlled. Mullions above make square opening look vertical, hence can be used only on a room's long wall.

John Barry



You can combine picture windows with other types into a unit that gives you a picture and ventilation at the same time. Picture windows now are available in a limited number of stock sizes, in both wood and metal, conforming to standard window sizes

Hedrich-Blessing



Large areas of glass add depth to a small room. A view through trees gives you excellent chance to use picture window, because seasonal changes in trees and hourly change in shadow patterns keep scene new

Smoke a LUCKY to feel your LEVEL best!

Luckies' fine tobacco picks you up when you're low . . . calms you down when you're tense!



Luckies' fine tobacco puts you on the right level—the Lucky level—to feel your level best, do your level best.

That's why it's important for you to remember that LUCKY STRIKE MEANS FINE TOBACCO—mild, ripe, light tobacco that makes a thoroughly enjoyable smoke. No wonder more independent tobacco experts—auctioneers, buyers and warehousemen—smoke Lucky Strike regularly than smoke the next two leading brands combined.

Light up a Lucky! Luckies' fine tobacco picks you up when you're low, calms you down when you're tense. So get on the Lucky level where it's fun to be alive. Get a carton of Luckies and get started today!

COPR., THE AMERICAN TOBACCO COMPANY

L.S./M.F.T.—Lucky Strike Means Fine Tobacco



Look how my room grew up with a new rug and $170 . . .

thanks to Alexander Smith

Sara Pryor, of Silver Spring, Maryland, tells how you can stretch your decorating dollars, with the help of Clara Dudley, your color-scheme consultant at Alexander Smith. Whether you're sixteen or pushing sixty, you do just as Sara did. Start with an Alexander Smith Rug and a budget. Clara Dudley will work out a color scheme just for you.



Copyright 1949, Alexander Smith & Sons Carpet Co.

It's really neat to have parents like mine. When I was a child, I had junk all over my bedroom, and they never complained. And when I hit 16 and *needed* a grown-up room, I talked to Mommy and she talked to Dad and they gave me a budget and said to go ahead. I was petrified. But I knew enough to start with the rug, so I went to our beautiful new Hecht store in Silver Spring and found just exactly the rug I wanted.



Daddy and Mommy liked it too. It's a Floor-Plan Rug, made by Alexander Smith—9′ x 10′ 6″ to fit my room. It only cost $76.50, and I could have bought it on time. Hecht's told me about Clara Dudley, and gave me a Workshop Questionnaire which I sent in.



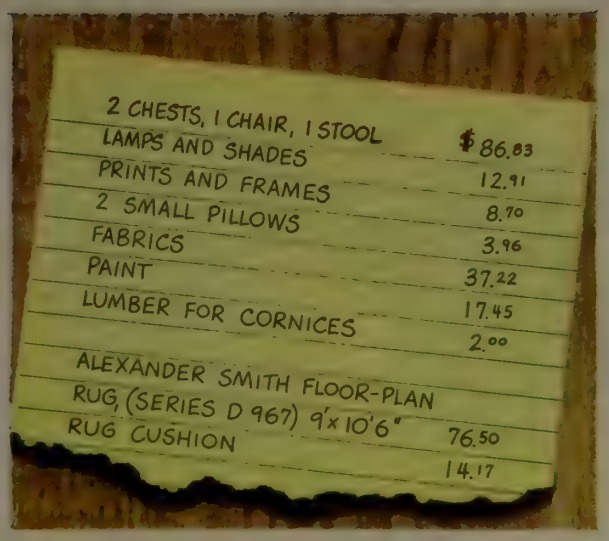
Clara Dudley sent me a Color-Scheme Plan with real samples, to go with my new rug.



The plan Clara Dudley suggested left me money to buy two chests, a stool, and chair.



Painting is fun, and it didn't take long. This is the wall color Clara Dudley suggested.



Neatest thing about Clara Dudley's plan was that she really took my budget seriously.



Floor-Plan Rugs come in lots of sizes. Mine almost covers my floor, just as it should.



Wouldn't you feel lucky with a room like this?

And wasn't I *smart* to start with an Alexander Smith Rug? I love to walk on it barefoot, it feels so luxurious. And wasn't Clara Dudley a wonder woman to show me just how to do it with the money I had to spend? If I ever get married, and have a whole house to do, I'll get Clara Dudley to help me. She makes it so *easy* for you to decorate even if you have only a little money to spend. She knows how!

Let Clara Dudley help you, too!

Go to your favorite store. Buy your Alexander Smith Rug. Ask for Clara Dudley's Workshop Questionnaire. Or mail this coupon for Clara Dudley's "Colorama," today!

Alexander Smith

FLOOR-PLAN RUGS 1845 BROADLOOM CARPETS

Clara Dudley, Dept. BG-8.
Alexander Smith & Sons Carpet Company
285 Fifth Avenue, New York 16, New York

I enclose 25¢ for your new 24-page color-idea book, "Colorama," showing me the easy way to work out my color schemes on a low budget.

*Name*_____
(Please print)

*Address*_____

*City*_____ *Zone*____ *State*_____

SIMTEX Cloths are priced from about $2 to $10. Illustrated is SIMTEX hand-printed "Pueblo" pattern tablecloth with band-bordered napkins.

SIMTEX CLOTHS *Make Breakfasts Brighter...*

They'll give your luncheons a lift, too—and make dinner a "special occasion." For *every* mealtime there are lovely, inexpensive SIMTEX Tablecloths and Napkins—colorful handprints (illustrated), gay novelty weaves, lustrous white or pastel Damasks. Available in boxed sets, they make wonderful gifts. Ask for SIMTEX (and look for the label) at your favorite linen counter.

SIMTEX MILLS 40 Worth Street, New York 13, N. Y.
Division of Simmons Company, *Makers of the famous* BEAUTYREST *Mattress*

THE SIMTEX FAMILY OF PRODUCTS
Tablecloths & Napkins • Bedspreads • Flannelette Sport & Utility Shirts • Nightwear Flannelette • Mattress Tickings • Furniture Fabrics

"So Easy to Wash"!



Guaranteed by Good Housekeeping

No pampering for these colorfast, pre-laundered SIMTEX Cloths. They keep their new, bright look through repeated trips to washing machine or laundry tub.

Picture windows

Begins on page 112

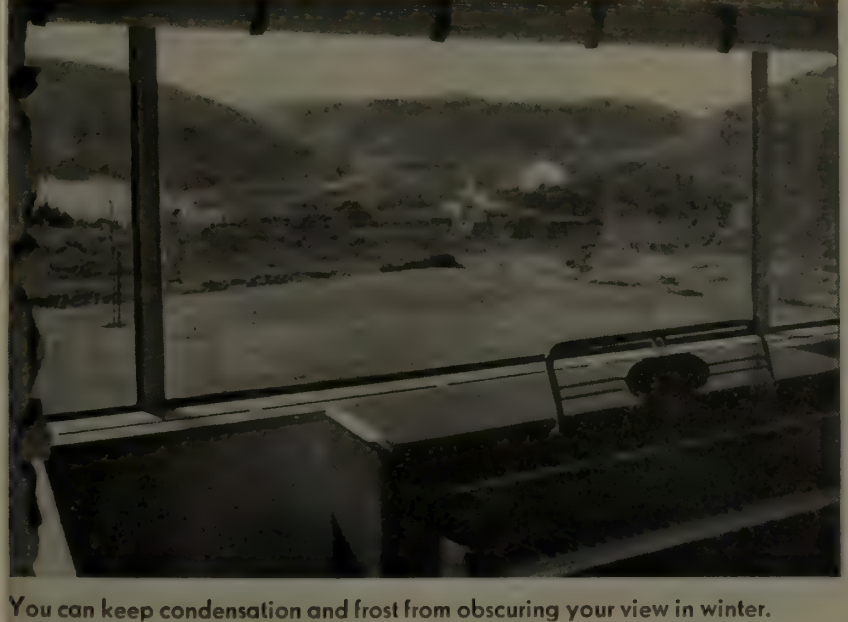


A series of medium-sized windows separated by strong vertical members can be attractive from both inside and outside the house. Here single panes of glass are used to light a corridor and stair well, as well as to frame a hillside view. Architects: Wurster, Bernardi, and Emmons



Where you place your picture window is important. On the north it is exposed to winter cold; on east or west sun's low rays can be blinding; on the south you must control summer sun. Here trellis overhang keeps off southeast sun. Architects: John Porter Clark and Albert Frey

Photographs: Philip Fein, Julius Shulman, John DeBus



You can keep condensation and frost from obscuring your view in winter. In picture window shown above, warm air rises from thin slots in sill. Though view here is distant, activity in daytime and lights at night make the town a fascinating sight. Architect: Raymond Viner Hall

More on next page

Double your homemaking dollars with double duty



Samson

FOLDING CHAIRS $7.95 each

TABLES $12.95 each

armchairs $14.95 each



Wedge-shaped low shelves round out three Samson tables to form a semi-circular "Executive's desk" for folks who like room to work. Outdoors, these same blue Samson tables with contrasting yellow chairs are perfect for serving a picnic buffet, and the wedge-shaped shelves form a rectangular serving bar!

Your choice of Samson tables in six smart decorator colors.

Upholstered in one-piece, stain-, mar-, and heat-resistant Samsontex. Clean with a flick of a damp cloth.

Frames and legs are electrically welded, hard-temper steel. Won't snag nylons! Tables are larger, higher for extra comfort.

Table and chair legs can't pinch fingers . . . fold quietly and compactly, lock securely in place.

Samson chairs are perfectly balanced—can't tip or wobble.

Extra-wide Samson chair seats and backs are comfortably posture-fitting, spring-cushioned. Rubber tipped legs prevent floor scratching.



Budget-wise homemakers tuck a sturdy Samson folding utility table in every closet . . . wonderful for a hundred uses. $5.95 EACH



Strong enough to stand on!

SHWAYDER BROS., INC. • *Folding Furniture Division* • *Detroit 29, Mich.*

ALSO MAKERS OF SAMSONITE LUGGAGE • LUGGAGE DIVISION • DENVER 9, COLORADO



AMAZING

SELF-POLISHING

SIMONIZ

FOR FLOORS*

UTSHINES THEM ALL!

Costs less to use because it lasts longer!

Millions of housewives are switching to Self-Polishing Simoniz. They find it gives longer wearing beauty and keeps their floors brighter. For the same lasting loveliness that makes Simoniz so famous for cars—insist on Self-Polishing Simoniz for your floors!

Sold by grocery, hardware, variety, drug, paint, 5 cents to $1, auto accessory, department stores—linoleum dealers everywhere.
THE SIMONIZ COMPANY, CHICAGO 16, ILL.

REPLACEMENT OR REFUND OF MONEY
Guaranteed by Good Housekeeping
IF NOT AS ADVERTISED THEREIN

SELF-POLISHING SIMONIZ FOR FLOORS

LINOLEUM, FINISHED WOOD, ASPHALT OR RUBBER TILE AND TERRAZZO FLOORS

*T. M. REG. U.S. PAT. OFF.

Picture windows

Continued from preceding page

Photographs: Philip Fein



In general, the smaller your individual window panes are, the less is the cost of your picture window. Horizontal muntins were used here not to reduce cost, however, but to suit the shape of the room and blend with the lines of the house. Architects: Wurster, Bernardi, and Emmons



A dining area is an excellent place to have a picture window. While you eat, you can watch squirrels or dogs play on the lawn against a background of spring blossoms, or keep an eye on the children. Bay windows like this one give you a 180-degree view. Libbey-Owens-Ford

Maynard Parker



As long as you have ventilation somewhere, there's no reason why you can't have picture windows in a kitchen. Here the kitchen floor is a few feet below ground level, so that grass and flower beds at eye level give you an intimate view while you work. Architect: Van Evera Bailey

GENERAL ELECTRIC LAMPS'

BRIGHTEN-UP TIME IS HERE



Brighten-up with this new 4-lamp package!

Brighten-Up Time" at General Electric lamp dealers where—starring the handy, new 4-lamp package! 60 or 100-watt bulbs in one, neat carton that's easy y, carry and use. Get an armful now to brighten up Winter-weary house!



2 Brighten-up with the right size bulb in the right socket!

ther you want light for reading, eating or relaxing—living room, kitchen, hall, bedroom, porch or garage here's a *right*-size General Electric lamp to fill the bill. your G-E dealer.



3 Brighten-up with these bright ideas!



Amazing what a few subtle changes in lighting can do for your home! It's easy to do—inexpensive too—when you know how. Here are dozens of ideas to make your home more inviting and comfortable with correct lighting. All in a brand new, easy-to-read book—"Your Sunshine Home in Lights." Sent free. Merely write to General Electric, Div. 166 BHG, Nela Park, Cleveland 12, Ohio.

You can put your confidence in—

GENERAL ELECTRIC



What's your idea of the perfect carpet?

Find it at beautiful-carpet headquarters—your Bigelow dealer's, today!

SINCE 1825
BIGELOW
Rugs – Carpets

HONESTLY, haven't you an old "has-been" carpet in your house? One you'd love to replace with a really wonderful-looking new Bigelow Carpet?

Do something about it—now! This very afternoon, rush to the man with the *best* carpet buys—your Bigelow dealer. You'll love the answers he has for all your carpet problems. For instance . . .



Are you fussy about design? Good! Then you, *especially*, will appreciate the wide, inspiring choice Bigelow offers! Contemporary and traditional patterns for *every kind* of good taste! Colors that will stir the decorator in your soul! Textures you'll want to run your fingers through!

Above: Contrasting textures weave a graceful pattern in Bigelow's Serenade 6910-47. About $14.95 a sq. yd.*

Timid about price? Fine! You may have seen *some* Bigelow aristocrats price-tagged as high as $18.95 a sq. yd. *But*, did you know that prices begin at a gentle $5.95? Other Bigelow beauties at $7.50 . . . $9.95. And in *every single* price range, there are ever-so-many ever-so-desirable styles to choose from.

Right: Bigelow's Glentwist 94333—its texture "set" with Bigelow's Permaset process. Happy-medium priced at about $10.95 a sq. yd.*

For name of your local Bigelow dealer, call Western Union by number. Ask for operator 25.



Insist on the best quality? Excellent! Because superb quality is one of the main reasons why so many smart women insist on Bigelow Rugs and Carpets. No matter what you pay, you're sure of the finest imported wools, blended for maximum beauty and strength . . . treated to hold the wool's natural springiness-underfoot through a long, lovely lifetime even under hardest wear.

Left: Bigelow's Beauvais 1824. Only one of *many* delightful patterns in this popular carpet. Around $9.95 a sq. yd.*

*Slightly higher in the West

LIVELY WOOL SPRINGS BACK UNDERFOOT

Bigelow
Rugs and Carpets

Beauty you can see . . . quality you can trust . . . since 1825

Discipline without dithers

How do schoolteachers keep large classes of youngsters under control when it's hard enough to manage a single boy or girl at home?

By June Johnson

Painless discipline of boys and girls is something every parent seeks. One person who can help, perhaps, is that paid disciplinarian, the public schoolteacher.

Have you visited a modern classroom? When teaching conditions are at least fair (that is, not too many pupils per class, adequate seating, and the like) you will find that an efficient teacher maintains her discipline without her pupils being aware of it. Most of the time the pupils don't even know they're being disciplined or controlled.

There are classroom methods you can copy to make discipline at home a painless procedure:

Maintain your child's interest

If you guide him in his early years—without supervising his every move—he will learn how to plan his own amusements. A good teacher sees to it that her students have no *time* for mischief. Enlarging upon this thought, it is better to take your youngster's mind off mischief by interesting him in something else than constantly to forbid.

Never threaten something you can't carry out

A teacher quickly learns that an empty threat lowers class morale and her own prestige. At school or at home children soon realize that an elder who constantly warns that they will be flunked (at home it's spanked) doesn't mean it, and they go merrily unchecked by the words. Before threatening, ask yourself if you really mean to do it, and if so, if it will accomplish the desired result.

Don't take Johnny to the principal

At home this means *don't depend on dad for all the discipline!* Your boy or girl should recognize each parent, just as he recognizes each teacher, as the final authority in all but the most serious matters. He will not only obey more readily, but will have a better feeling for his dad. Dad's under a disadvantage to begin with, because he's around the children less. It is unfair to make him responsible for the unpleasant job of settling daytime disputes. A principal considers a teacher who sends all problems to him as a weak sister; so is the mother who relies on dad for discipline.

Don't bicker with a youngster

Your aim is to improve him, not lower yourself.

Be friendly, and human, one with your family

Does this sound odd? Perhaps you are one who can truly say, "Of course, I'm friendly. I love them, don't I?" But if you need proof that real friendliness is not always present, look around you—at families so absorbed, each member in his own interests, that they have no [*Turn to page 275*

A Better Homes & Gardens child care and training feature

dreft washes dishes so clean it helps protect your family's health

as no suds ever could before!



Health Authorities say

the way you wash dishes and the kind of suds you use can mean the difference between sickness and health

● Danger may lurk in your dishpan. Doctors have found that germs breed in dishwater film. Even dishes you've washed and polished carefully can carry this film—can carry sickness to the very ones you wish to protect.

Dreft Leaves No Germ-Breeding Film

That's why Dreft actually helps protect your family's health. And this new way of dishwashing, made practical by Dreft, not only helps you safeguard those you care for—it is actually an easier, quicker, happier way of doing dishes!

New, Quick Dreft Way

Wash your dishes in Dreft's abundant, lasting suds. Give them a hot rinse (the hotter the better). Then let them drain dry. It's just as easy and quick as that!

So heed the warning of Health Authorities . . . help protect your family's health. Wash your dishes fully clean—with DREFT

23

It's a Pleasure..

CHOOSING YOUR CURTIS WOODWORK!



You'll thrill to fresh beauty—you'll marvel at the moderate cost—when you choose the woodwork for your home from the Curtis Woodwork line! It's a pleasure to pick *your* mantel—*your* entrance—*your* china cabinets and other woodwork—from designs by famous architects—because Curtis quality will fit any new or remodeled home, any budget! Here are examples:



Made like fine furniture, Curtis mantels have that "custom-built" look. Illustrated is Curtis mantel C-6063—an enduring tribute to good taste. Fourteen other beautiful designs await your choice!



You can see the sure touch of a master designer in this charming Curtis entrance—design C-1730. Suitable for both new work and remodeling. Curtis entrances assure lasting value for your home. There's a wide selection to suit every taste.



Formal and dignified is this very beautiful Colonial cabinet by Curtis—design C-6505. The upper shelves are scalloped and have molded edges. One shelf in lower compartment. See other styles at your Curtis dealer's.



1866 CURTIS WOODWORK

New Beauty for Interior Doors
WITH PRESPINE PANELS

Yes—only Curtis can offer you doors with the wonderful new Prespine panels. Prespine, made of natural wood, has a satin-smooth surface that gives new beauty to paints, stains or other finishes. What's more, Prespine has extra toughness to take hard use. For lifetime satisfaction, insist on Curtis doors with the new Prespine Panels.

SEND FOR THE CURTIS WOODWORK BOOK!



CURTIS COMPANIES' SERVICE BUREAU
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Clinton, Iowa

Please send me your Curtis Woodwork Book for building and remodeling. I enclose 10 cents.

Name.....

Address.....

City.....*State*.....

What's the home-financing picture today?

Begins on page 1

of the total number of mortgages recorded—today they represent about 13 percent. T. B. King, director, loan guaranty service, Veterans Administration, attributes the decline largely to the inability of many veteran families to buy homes at current prices. There was a time when the $4,000 maximum guaranty on a G.I. loan was frequently accepted by lenders in lieu of down payment. Now, with costs rising, most lenders are requiring a larger down payment. This requirement, coupled with the 4 percent G.I. interest rate, has eliminated many veterans from the home market, even though their incomes may be more than sufficient to let them make reasonable monthly payments on homes. As a result, the great majority of veterans has not been able to take advantage of its G.I. loan benefits.

In some sections, a combination F.H.A.-G.I. loan is playing an important part in getting homes for former servicemen. Under that system, an F.H.A.-insured first mortgage is taken out, at a 4½ percent interest rate. Then a second mortgage is taken out, under the 4 percent G.I. rate. This second mortgage does not exceed 20 per cent of the G.I. appraisal figure, or sales price. For example, on a $10,000 house, an F.H.A. loan

[*Turn to page 12*

Types of F. H. A. loan insurance you'll be interested in

Title I—Property improvements

Lending institutions are insured against loss up to 10 percent of the aggregate amount of all the loans they make under Title I. Most Title I loans other than Class 3 are not secured by a lien or mortgage. A cash down payment of 10 percent of the cost of the improvements is required on Class I loans. Title I insurance is limited to loans made on or before June 30, 1949.

Type of loan	Type of improvement	Maximum maturity	Maximum amount	Maximum financing charge
Class 1 (a)	Normal repair, alteration, or improvement of an existing structure to keep it habitable and in sound working condition	3 years 32 days	$2,500	$5 discount per $100 per year
Class 3	Construction of a new home	20 years 5 months	$4,500 first mortgage (5 percent equity required)	4½ percent interest on declining balance plus ½ of 1 percent insurance charge annually on original principal amount; or equivalent charge on discount basis

Title II—Permanent mortgage insurance program

Mortgages on both new and existing homes are insured under this section. The mortgage transaction must be economically sound and the mortgage amount is limited by the F.H.A. estimate of appraised value. The valuation is based on the price which a typical buyer is warranted in paying for the property for long-term use or investment. Classes listed below must be approved for mortgage insurance before construction starts.

Type of property	Type of borrower	Maximum mortgage amount	Maximum percent of appraised value	Maximum maturity
1- to 4-family	Owner-occupant, or long-term investor	$16,000	80	25 years
1-family	Owner-occupant	6,300	90	25 years
1-family	Owner-occupant	9,500	90 percent of first $7,000, 80 percent of remainder up to $11,000	25 years
1-family	Owner-occupant	6,000	95	30 years

Bromley *Duralace*® Curtains



No Curtain Stretchers Needed!

Curtains going up for Spring! Make yours Bromley Duralace. They hold true window-size through washing — laugh at the old idea of curtain stretchers. And Duralace Curtains stay lastingly fresh, resist soil longer.

These fine Bromley laces come in designs to harmonize with your special decorative scheme — in pairs (about $5.00), and matching panels (45" panel about $3.00 each; 54" panel about $4.00 each). Write for the name of a nearby store that features them.

Bromley
LACE CURTAINS
AND DINNER CLOTHS

®Reg. U. S. Patent Office

BROMLEY MANUFACTURING COMPANY, Lehigh Avenue, A to B Streets, Philadelphia 33, Pa.



Curtains by *Kleinert*

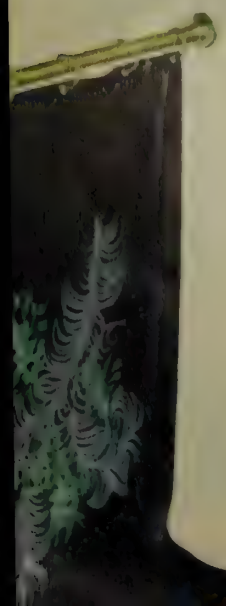
Bathing Beauties

Winners in any beauty contest—these exquisitely hand-painted curtains made by Kleinert also have a special talent for *staying* lovely! They're made of "Vinylite" Brand Plastics—superior materials for lasting beauty . . . designed to inspire distinctive decorating ideas. Treat *your* bathroom to one of these brilliant new beauties—at better stores everywhere.

ower curtains made of Vinylite Brand Plastics

- *Provide striking new color notes*
- *Shed water instantly, resist fading, mildew*
- *Wash and dry like a mirror*
- *Won't craze, stiffen or stick together*

now it's right if it's . .



Vinylite TRADE MARK PLASTICS

For utmost dependability, buy only plastics made by a reputable manufacturer—such as plastic films by Bakelite Corporation. For top performance, look for the "Made of VINYLITE Brand Plastics" signature.

BAKELITE CORPORATION
Unit of Union Carbide and Carbon Corporation UCC
30 East 42nd Street, New York 17, N.Y.

What's the home-financing picture today?

Continued from page 122

would be taken out for $7,000, at 4½ percent interest. The second, G. I., mortgage would amount to $2,000, at 4 percent interest. The borrower has to make a down payment of only $1,000. Some lending agencies will not accept this type of paper, because of the amount of bookwork and servicing it requires.

Part of the inflation the home seeker faces today results from the liberal credit terms which have been made available to homebuyers through government guarantees. The Veterans Administration recognizes that the G.I. loan itself contributes to the inflationary influences pushing housing prices upward. It has, as a consequence, urged veterans to exercise restraint and to buy only in case of real need.

Lenders and real-estate experts agree that there no longer exist

[*Turn to page 183*

Will the house you want to buy meet requirements of F.H.A.?

The table below shows the monthly repayment costs of F.H.A.-insured mortgages ranging from $1,000 to $16,000.

To be eligible for F.H.A. insurance, mortgages must be written in multiples of $100, except some cases in which the amount may be in an even multiple of $50. Interest must not exceed 4½ percent, and the mortgage must be paid off in monthly installments. The insurance costs ½ of 1 percent additional. Payments shown in the table include interest, principal, and the F.H.A. insurance premium.

Where the mortgage amount is $6,000 or less, mortgage insurance may be had up to 95 percent of the total value. The term may run for 30 years.

Houses and lots appraised by the F.H.A, at $7,000 or less are eligible for F.H.A.-insured mortgages of as much as 90 percent of the total value. These mortgages may run as long as 25 years.

In the $7,000 to $11,000 range, a house and lot are eligible for an F.H.A-insured mortgage of as much as 90 percent of the first $7,000, plus 80 percent of anything over $7,000.

To be eligible for such a loan, the F.H.A. commitment must be issued before construction is started; the house must comply with F.H.A. minimum property requirements; it must be for the occupancy of the owner only; and the house must pass three inspections during construction.

For houses and lots appraised at more than $11,000, the maximum mortgage may be as large as 80 percent of the value. This type of mortgage may run as long as 25 years, if the house complies with requirements listed in the above paragraph. The maximum loan cannot be more than $16,000 under any circumstances.

F.H.A. requirements may undergo minor changes from time to time. You can get details on current requirements from any F.H.A. office.

Monthly payments

Mortgage amount	Amortization period in years				
	10	15	20	25	30
$ 1,000	10.74	8.04	6.73	5.96	5.48
2,000	21.47	16.07	13.45	11.93	10.95
3,000	32.21	24.11	20.18	17.89	16.43
4,000	42.95	32.15	26.91	23.85	21.91
5,000	53.68	40.19	33.64	29.82	27.38
6,000	64.42	48.22	40.36	35.78	32.86
7,000	75.16	56.26	47.09	41.74	
8,000	85.89	64.30	53.82	47.70	
9,000	96.63	72.34	60.54	53.67	
10,000	107.37	80.37	67.27	59.63	
11,000	118.10	88.41	74.00	65.59	
12,000	128.84	96.45	80.73	71.56	
13,000	139.58	104.48	87.45	77.52	
14,000	150.32	112.52	94.18	83.48	
15,000	161.05	120.56	100.91	89.45	
16,000	171.79	128.60	107.64	95.41	

ONLY SERVEL

tays Silent sts Longer

cause it has
moving parts in its freezing system

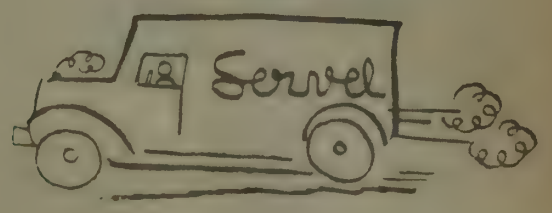


It was bills, bills, bills as our refrigerator grew older and noisier. But the last time George called the repairman I rebelled. "No more fixing!" I said, "Let's get ourselves a silent Servel!"



"I was just a baby," I told George, "when my folks got *their* Servel Gas Refrigerator. And it's still on the job today. No noise and no big repair bills." George grinned. "Okay, you win."







"George," I said when our new Servel arrived, "se how different it is! No motor to wear, no machinery t need repairs. No moving parts in its freezing system. tiny flame does the work. So it stays silent, lasts longe

"And—look," I said, opening the door. "Plenty of roo for frozen *and* fresh foods. Servel has everything!"

This story is typical. Over 2,500,000 families enjo Servels today. Writes Margaret Wheeler of Jackso Heights, N. Y., "Twenty years ago, I bought my Serv —and it's still quiet, efficient—perfect!"



BEFORE YOU CHOOSE ANY REFRIGERATOR

Get this FREE book

by Mary Margaret McBride
Famous Radio Reporter

Every new refrigerator looks beautiful. But how long will it last? Will it grow noisy and run up repair bills? In her delightfully entertaining new book radio's famous Mary Margaret McBride tells what makes the real difference in refrigerators. Get your free copy of "Inside Story" at your Gas Company or neighborhood Servel dealer.

Tune in **ARLENE FRANCIS in "WHAT'S MY NAME?"**

every Saturday, 11:30 A.M. E.S.T. over ABC network

ery new convenience—see the new Servels at your s Company or dealer. (For farm and country homes, rvel runs on Bottled Gas—Tank Gas—Kerosene.) rvel is also maker of Servel *Ball-Type* Water Heater d Servel *All-Year* Air Conditioner. Servel, Inc., Evans- le 20, Indiana. In Canada, Servel (Canada) Ltd., 3 King Street, W., Toronto, Ontario.

STAYS SILENT . . . LASTS LONGER

Servel

The GAS Refrigerator



New **Distinction for Walls of Stucco, Concrete Block, Brick, Asbestos Siding!**

IF YOU WANT an exterior masonry finish of distinctive beauty and of unusual weather-resistance, choose Truscon PARA-STONETEX. Here is a specialized chlorinated rubber base finish that sets new standards. Yes, PARA-STONETEX goes way beyond the conventional paint job. It applies more easily, gives a surface texture of unsurpassed loveliness, stands up bravely to sun and wind and rain. In pure, gleaming white or attractively delicate pastel tones it will give your home new beauty, new protection. Its rubber base endows it with soft, rich tonal values and makes it more enduring.



Even Tough Enough for Swimming Pools!

Here's a rigorous test that Truscon PARA-STONETEX takes in stride —the submersion test. Yes, this durable rubber base finish qualifies for use in and around swimming pool installations. This is an impressive demonstration of its durability — a glowing tribute to its decorative qualities.

The Ideal Finish for Brick and Reclaimed Brick

Owners of homes with brick or used-brick walls find that Truscon PARA-STONETEX imparts added distinction to the traditionally rich texture of these surfaces. In town and country the enduring marshmallow freshness of PARA-STONETEX makes a true show place out of any home, large or small.



WRITE FOR FREE LITERATURE to Dept. C-13, Truscon Laboratories, Division of Devoe & Raynolds Co., Inc., Detroit 11, Mich.

TRUSCON Laboratories

Include your garage in your garden plans

By Lou Richardson

Don't let your gardening stop this side of the garage. Too many people treat their garages as they once did their woodsheds—places necessary for hiding things but to be otherwise ignored.

You get double benefits if you make your garage part of your garden. For one thing, you turn it from a box into an attractive building. For another, you gain valuable planting or playing space—and all of us can use an extra bit of room.

On this and following pages are suggestions for making use of both front and sides of your garage. They are only a few of the many possibilities. Your own ingenuity will suggest others.

More on page 129

Photographs Max Tatch



Climbing roses turn a garage entrance into a bower. The fences and tire strips now lead to a center of interest instead of to a dead end. There are other vines you can use in the same way, and you can get this effect in a hurry with annual vines like morning-glories or gourds

Max Tatch



Garage front doubles as a garden wall. On one side the vine (euonymus is a good choice) follows and softens architectural lines. Shasta daisies on right make an avenue of the driveway. Don't plant woody shrubs near driveway; they may scratch the finish of your car

[illegible] stone terrace in front of the
ench. A rose on a trellis brings garden onto side of garage



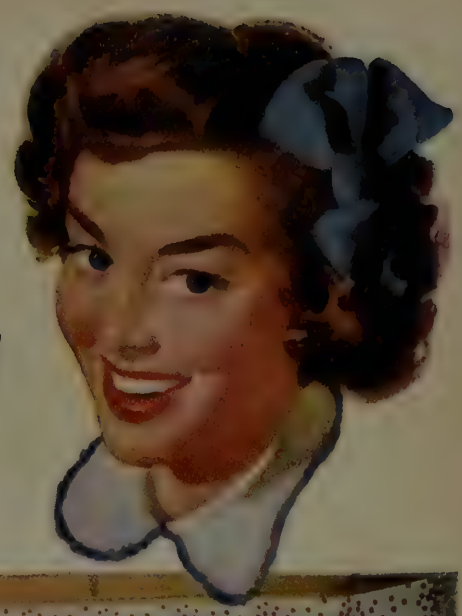
Try growing espaliered pear, apple, or cherry trees agains
blank, sunny wall. Or plant a grapevine in middle and tr
two branches on each side along horizontal wires. Spri
bulbs against wall or under trees will give added beau

Journal



Paint joins with planting to dress up a garage. Brick-red walls with white trim brighten this New England type of building, while fence, ox-bow over doors and post lamp make it seem more a carriage house than a car shelter. Forsythia in fence corner gives a needed accent

Kitchen chores can be fun with a Beauty like this!





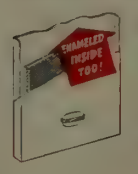
Ever see so much real kitchen convenience and gay, sparkling beauty tucked so neatly in so small a space?

That's a Geneva *Personalized* Kitchen for you. Everything you need—from meal planning to cleanup activities—smartly arranged within a step or two. Big, roomy cabinets and wide working areas with room to spare. A gorgeous Geneva Sink to help you whisk through work. More time-and-temper-saving accessories than you can shake an egg beater at—to get you *out* of the kitchen quicker. Snowy, chip-proof enameled steel surfaces that zip clean with a damp cloth.

With an arrangement like this, kitchen chores are *fun*, and quickly done. And the cost is so modest you'll want to plan *your* Geneva Kitchen right away. See for yourself—see your Geneva dealer *now*.

Slick Trick in Corner Cabinets

Geneva's handy Lazy Daisies. Revolving shelves bring every article within easy reach—save groping in back corners. Neat?



WHISPER-QUIET DOORS AND DRAWERS. Sound deadened by an exclusive Geneva process. Enameled inside and out. No metallic clatter.

Distinctively styled in lasting steel . . .

GENEVA MODERN KITCHENS, Dept. BH-4, Geneva, Illinois
Send me your new 16-page booklet describing Geneva Kitchens and modern kitchen planning arrangements. I enclose 25c in coin.

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GENEVA

Personalized Kitchens

Don't let your gardening stop this side of the garage. Too many people treat their garages as they once did their woodsheds—places necessary for hiding things but to be otherwise ignored.

You get double benefits if you make your garage part of your garden. For one thing, you turn it from a box into an attractive building. For another, you gain valuable planting or playing space—and all of us can use an extra bit of room.

On this and following pages are suggestions for making use of both front and sides of your garage. They are only a few of the many possibilities. Your own ingenuity will suggest others.

More on page 129

Rooms that a child will remember



The Whiffenpoof. White woolly lambs frolic on a daisy-strewn field. Rose or blue bedspread in two sizes, with draperies to match . . . both colorfast, muss-proof, long-wearing, washable.

BATES FABRICS, INC., 80 WORTH STREET, NEW YORK 13

Bates new patterns for children are endlessly fascinating . . . like **Down On The Farm,** above, with its barns, wagons, windmills, and animals. In light blue, dark blue, rose, green, tan, or slate . . . the bedspread in regular and children's sizes, with draperies to match.



Big Top. More fun than a circus, with trained seals, prancing horses, elephants and clowns. Two sizes for regular or children's beds, in rose or blue.



Include your garage in garden plans

Begins on page 126



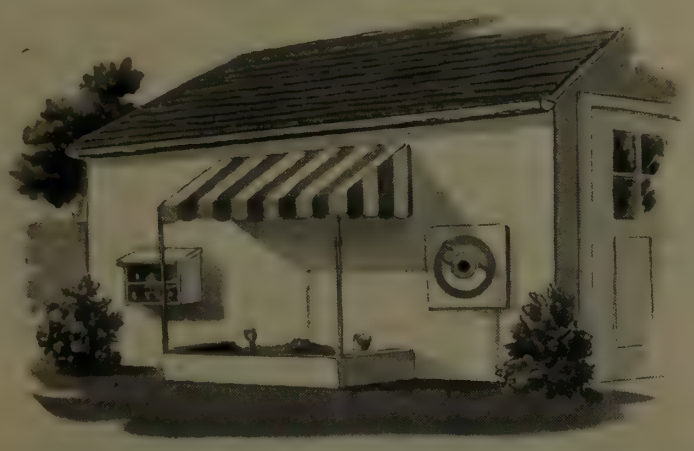
If the side of your garage is next to the garden, join the two together. A seat against the wall makes a good resting place and you can make a brick or stone terrace in front of the bench. A rose on a trellis brings garden onto side of garage



Try growing espaliered pear, apple, or cherry trees against a blank, sunny wall. Or plant a grapevine in middle and train two branches on each side along horizontal wires. Spring bulbs against wall or under trees will give added beauty



Let the sunny side of a garage support vine crops and tomatoes in your vegetable garden. Use vertical strings for beans, mesh or trellis for cucumbers and squash, anything you can tie stems to for tomatoes



If you have a recreation area in mind, let it take in a garage wall. You can include a sandbox with sun canopy for small fry, dart board, storage cabinet for game equipment. Teen-agers may want a basketball hoop—no limit to possibilities

Free! Every month, new

Color Recipes



At last! An easy, inexpensive way to make your own rooms as excitingly lovely as MAGAZINE-FEATURED ROOMS!

DRESS BY KANE-WEILL

1 **NOW, ALL YOU DO** is choose a paint color scheme from the many rooms featured in the current month's national magazines.

2 **GO TO YOUR KYANIZE PAINT DEALER.** Ask for the free Kyanize Color Recipe packet.* Each month, it contains easy directions for matching the paint color schemes of the most interesting rooms featured by your favorite magazines.

3 **KYANIZE COLOR RECIPES SHOW YOU HOW.** Kyanize Paints *do it better . . . easier.* For Kyanize Paints are self-smoothing. They flow on easily, leaving a surface without brush marks. Walls, ceilings, trim and furniture fairly sparkle . . . look like new!

* * *

USE KYANIZE PAINTS, plus Kyanize Color Recipes, for rooms as lovely as those in the magazines. And remember, there's a Kyanize Paint for *every surface.*

***IF YOUR DEALER IS OUT OF KYANIZE COLOR RECIPE PACKETS** send 10c in stamps or coin with your name and address (please print) to Department B-4, Boston Varnish Company, Everett Station, Boston 49, Mass.

© 1949, Boston Varnish Company

DECORATING'S EASIER WITH

Kyanize *Self-Smoothing* **PAINTS**

from Color Schemes to Finished Rooms

THE AMAZING



SHEETROCK STORY

Now you can build and decorate

WALLS and CEILINGS

in ½ the time



What's behind the beauty of this room?

If you could roll back its decoration, you'd see a broad flowing surface—smooth and seamless to the most observant eye—ready to enhance *any* form of decoration.

You'd see a wall or ceiling surface achieved in hours, not days—and so strong it will remain beautiful year after year.

More important, it will fight fire!

In fact, you'd see SHEETROCK—the wallboard made of gypsum, a mineral that will not burn.

That's the Amazing SHEETROCK Story in a nutshell. So if *you're* planning to build or remodel, ask for SHEETROCK.

There is only ONE...

SHEETROCK

T. M. Reg. U. S. Pat. Off.

The Fireproof Gypsum Wallboard

United States Gypsum
Chicago



GOWN BY JOSEPH WHITEHEAD

OMEN WITH A SENSE OF STYLE PREFER FIRTH

Photographed in Trend House at Marshall Field & Co Chicago... Firth's WOOLTURF broadloom... in a wonderful new shade... parchment beige (no. 423). Marvelously practical carpet, too... doesn't show soiling, doesn't shed, and is simple to vacuum. Available in eight other shades.

FIRTH Rugs and Carpets
295 Fifth Avenue, New York 16, N. Y.

Your paintbrushes

- ✓ How to use them
- ✓ How to buy them
- ✓ How to care for them

By Ken Murray and Bob Jones

When you buy good paintbrushes, you are making a sound investment. Bargain brushes are the most expensive, for they cause painting failures.

A good brush will hold more paint, carry it without dripping, paint without spattering, put on a smoother coat, and cut a clean edge. It can be cleaned again and again for future painting jobs.

The best brushes are made of hog bristles or of durable man-made bristles like nylon. Both can be used with all common finishes, except that nylon bristles will soften in shellac or alcohol. If that happens, put the nylon bristles in boiling water for 30 minutes and hang the brush up to dry overnight.

Good brushes are expensive. The photographs will help you make sure a brush is good, use it to best advantage, and give it the care it deserves.



Dip only half the length of bristle into paint or enamel (left). Deeper dipping wastes paint and ruins brush by letting hardened paint accumulate in the heel. Next, lightly slap off excess paint against the side of the container (above) so the brush won't drip. If you paint a ceiling and paint runs down your arm, you have a poor brush or are carrying too much paint



Lay on **paint** with light, short, slightly curved strokes (left). Lift brush gradually so you don't leave a thick edge of paint. Grip only handle and metal ferrule; if you touch bristle, the brush will wear rapidly. Apply paint only with end of bristle, and reverse it often

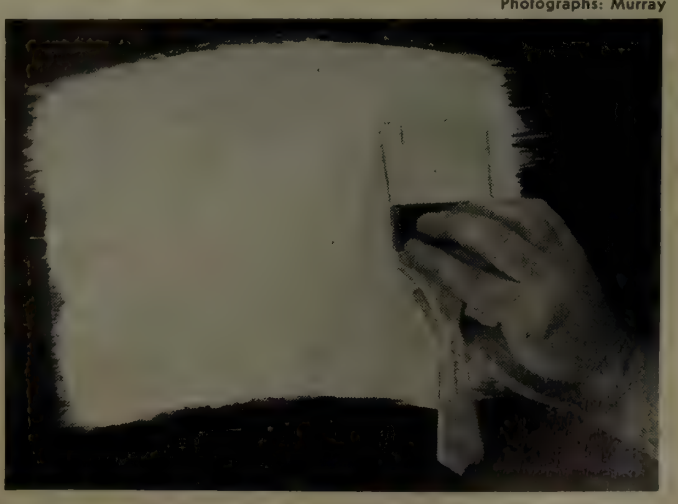
Photographs: Murray



1. Apply **enamel** or **varnish** with short, light strokes, letting the finish flow together with as little brushing as possible



2. After a square is coated, press brush dry and go over the square



3. Dry brush again and cross-brush square. Watch enamel or varnish for half-an-hour to catch runs or sags before they dry

More on next page

Englander
AMERICA'S MOST LUXURIOUS
mattress

o matter how you sleep or what you weigh,
you sleep better on an Englander



Englander Red Line brings you the first
really new mattress idea in 50 years

EARS THIS... FOR YEARS THIS... NOW! INDIVIDUAL SPRING ACTION



Sleep in Comfort
Sleep in Health

eld together
and bottom
on sacks, pre-
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action.

Coils held together at top and bottom by wire. This method prevents individual spring action.

Englander coils are held together *only at the center* by flexible ribbons of steel . . . *permitting* individual spring action.

That's why the upper half of an Englander gives you cushioning comfort. Every movement and contour of your body is gently cradled. "Roll-to-the-middle," when sleeping double, eliminated. Lower half supports your weight in the firm, healthful manner doctors recommend.

, The Englander Company, Inc., Chicago, Illinois

own above, the new Super Bodyguard—$49.75. Other Englander
d Line mattresses (twin or full size) or matching box springs to $79.75.

Your paintbrushes Begins on page 133

Flat wall paint will flow together; don't go back over it. Lay paint on heavily. Start each brushful on bare wall, working back to overlap preceding square. Paint narrow bands from ceiling to floor so the edges won't dry out and show up as lap marks in paint





Brush **outside oil paint** well into wood. Hard work pays. Use long, straight strokes, brushing until you have a coat of uniform thickness. Lift the brush gradually at the end of the stroke to feather out edge



Don't poke paint into corners with a good brush. With practice, you can ease paint into a corner by drawing the brush out gently. If you have places to paint that can't be reached without poking, keep an old brush handy especially for job



Always use the flat side of a brush, even when you paint a narrow strip (left). Painting with edge makes brush divide into clumps (top right) If clumps are left in a brush overnight, they'll take a permanent set. If you have much narrow work, get an angular sash brush (lower right)

More on page 137

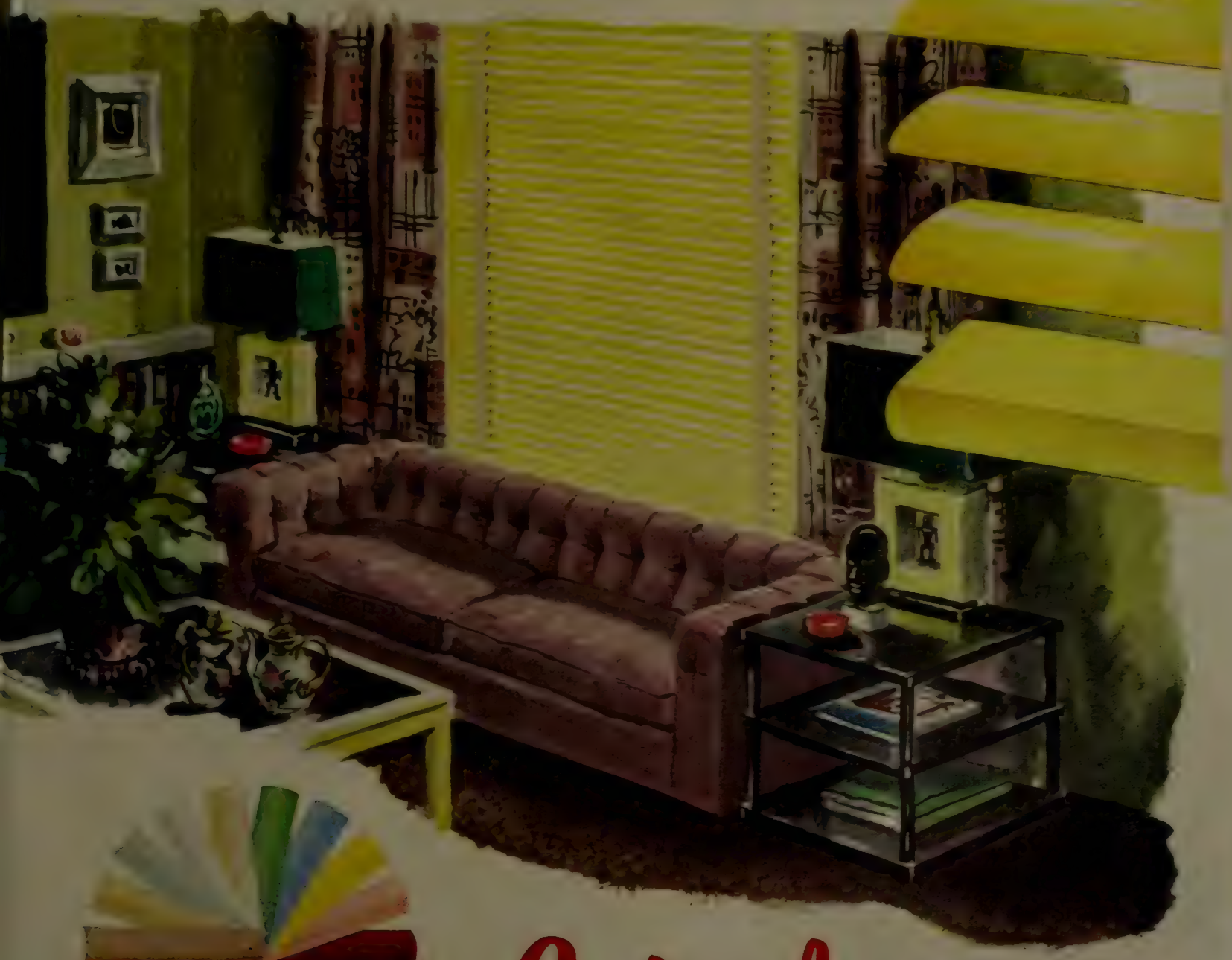
Beautiful Venetians

THEY'RE NOT JUST STEEL . . .
THEY'RE ACME *GALVA-BOND* STEEL

r long-life beauty in blinds, introduce your windows to Venetians of Acme Galva-bond steel. These thin, graceful slats are not just steel but the est steel of all. They have the strength of steel—and all of its flexibility, too.

Just bend them for quick, easy dusting and see how they snap ight back into shape. Their special galvanized, bonderized finish assures u of lasting beauty. Just the right weight, too, for easy handling.

So, choose Venetian blinds to make your windows beautiful, and insist on blinds made for lasting satisfaction with Acme Galva-bond steel slats.



Your choice of beautiful decorators' colors

ACME Galva-bond STEEL SLATS

Look for this seal when you shop for Venetian blinds

VENETIANS OF ACME Galva-bond **STEEL**

ACME STEEL COMPANY, 2846 ARCHER AVENUE, CHICAGO 8, ILLINOIS


to enrich any home...traditional or modern...
nothing beautifies like carpets and rugs by
magee
makes a house a home

Your paintbrushes

Continued from page 134

How to choose a paintbrush



Get a brush for each kind of finish; you don't want pigment showing up in varnish. Pictured, left to right, are: sash brush for narrow edges; 2-inch brush for trim; oval brush for fine work; chisel-edged brush for varnish or enamel; flat, straight-edged brush for walls or painted floors



To check quality of an animal-bristle brush, spread bristle (left) and look for "flags" or split ends. The more split ends, the better the brush, for they aid in holding paint and spreading it in an even film



Try to find a brush that is not too coarse or fanned out at the painting end. The bristle should be springy and elastic when you press it against the back of your hand (right). For painting large areas, get bristles 3 or 4 inches in width and length



By separating bristle, you can see if there is a plug strip. Sometimes narrow wooden strips are used to improve the working qualities. But if a cheap brush has a thick strip in the heel, it probably was used to decrease the amount of bristle needed. Such brushes do not hold enough paint, hence are not good values

More on next page

Works like a knocker...



...sounds like a nocturne!



Non-electric door chime greets guests with sweet music!

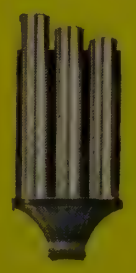
LOOK . . . and you see a gleaming brass door knocker, designed with an eye to traditional charm.

LISTEN . . . and you hear a lilting, two-note chime tune that fairly sings welcome to your guests.

• Electronically tested for pure, sweet tone, the Edwards' FAIRFAX can be put up in *minutes*—by anyone. No wires, no fuss. Fits all doors. At leading hardware, electrical, building supply and department stores.



INSIDE . . . *the mechanism is concealed by a hand-polished mirror...perfect for that last-second peek at your lipstick...(or tie, Mr.!)*



SEE AND HEAR CHORDETTE III . . . the electric door chime that continues its musical announcement as long as door button is pressed! And you get *three* signals instead of usual two. Each distinct, clearly recognizable. One for front door, a second for rear entrance—and a third for handy inside use—such as telephone paging or maid call!

Edwards Company, Inc., Norwalk, Conn. • *In Canada: Edwards of Canada, Ltd.*

EDWARDS
Door Chimes



Royal Haeger Lamps and Pottery

For those who seek the unusual—Royal Haeger suggests the Wan-Li Pillar with removable planters. This classic lamp offers unlimited decorating possibilities plus modern reflector lighting for superior illumination. The richly glazed ash tray and planter are Royal Haeger pieces, too.

A Royal Haeger Lamp

ROYAL Hagger POTTERY

Now available through better stores everywhere

Haeger of Dundee

MAIDEN LANE DUNDEE, ILLINOIS

Your paintbrushes

Continued from preceding page

How to prepare a new brush



Most new brushes have a few loose bristles that weren't anchored. You can remove these by rolling the handle rapidly between the palms of your hands (left), thus throwing out the loose bristles. Or you can bend the bristle across your fingers (right) so you achieve the same result.



Don't put a new brush directly into paint, or the pigment will be very difficult to remove from the bristle. Instead, suspend the brush in linseed oil for at least 12 hours (left). When you are ready to use the brush, squeeze out as much oil as you can with a wood strip (right). . . .



Next, whirl the brush inside a container to force out remaining linseed oil (left). When you have combed the bristle straight (right), the brush is ready for use. Even at that, a brush isn't at its best until it is well broken in, a reason for buying good brushes and taking care of them

More on page 140



Your Heirloom Sterling gleams boldly against striped chintz, with milk glass, a spring nosegay for each guest.

"I am part of your family's 'togetherness'—so very dear to you! Yes, the family's Heirloom Sterling has for every member of the family a unique meaning . . . a value far beyond money value. Beyond money measure, too, is the pride and solid satisfaction you'll feel your whole life long, each time your friends admire your lovely, live-forever Heirloom Sterling."

Compare—*see* that Heirloom Sterling is your *best* buy. A hundred years of use won't wear it out. Yet this superb 6-piece Damask Rose* place setting costs no more than an evening's celebration! *Anyone* can start with 2 place settings on easy payment terms. See also, rich, ageless Mansion House*... in Heirloom Sterling.

*Trade Mark. Copyright, 1949, Oneida, Ltd.



IF SINKS WERE MADE OF GLASS

...would your drainpipe make you shiver?

If your kitchen sink were transparent . . . would you see ugly, greasy filth inside your *drainpipe?*

Chances are you *would* see this muck—and you'd be horrified to know that nasty *sewer germs* are breeding there (only a few inches from food and dishes)!

But you wouldn't see it . . . if you used Drāno every week!

Drāno, unlike liquid disinfectants, *boils out* this filth and all its sewer germs—chases it all the way down your drain.

Make it a must:

Put a tablespoon of Drāno in your drain once a week—every week!

Just one tablespoon starts the churning, *boiling* action that loosens grease—makes your drain clean, clear, and *fast-running.*

P. S. *Remember—Drāno also opens clogged drains in a flash!*

Drāno®

removes the muck that slows drains and breeds sewer germs



Harmless to septic tanks: Makes them work better—cuts down odors.

TUNE IN: Dorothy Kilgallen, Thursdays. See local paper for time and station.

Copr. 1949, by The Drackett Co.

Your paintbrushes

Continued from page 138

How to clean a paintbrush



Never let a paintbrush stand on its bristles. Never leave it in water. Clean it after each job. Use the proper thinner: turpentine, followed by naphtha or mineral spirits, for oil paint, enamel, or varnish; alcohol, for shellac or alcohol stain (but not with nylon brushes); lacquer thinner for lacquers. Soak brush in the thinner, working it against the container



Squeeze bristle to work out paint (left). Work from ferrule to end of bristle. Repeat several times, rinsing the brush in fresh thinner. In obstinate cases, work out pigment with wire brush. It may take two quarts of thinner, but thinner may be saved in a sealed container and used again



If the thinner treatment is not sufficient, wash the brush with a mild soap and water at body temperature, and rinse in clear water. Then squeeze the water from the brush between two dowel rods, as pictured, or whirl brush dry in a container



Comb brush lightly, so inside bristles are straight (left). Let brush dry wrapped in a square of cleansing tissue to shape it. Remove tissue and wrap in heavy paper (right), using care not to bend bristle. Naphthalene crystals (center) will protect brush from moths. Store in a cool, dry place

More on page 142

You can afford a dream kitchen-*now!*



Right start for a dream kitchen—48" twin-bowl Kitchenaider-Mullinaider Combination (one of 7 models). Drainboard is sliding-removable. *Laundry-deep* (11") second bowl. Sliding shelf carries heavy articles. Linoleum-lined, partitioned cutlery drawer. Sound-deadened throughout.

IT'S a glorious day when you get your beautiful new white-enameled steel Youngstown Kitchen!

Super storage space is yours. Room for everything —from dishes and dustpans to glassware and groceries. And see the generous work surfaces—to save steps and speed every chore.

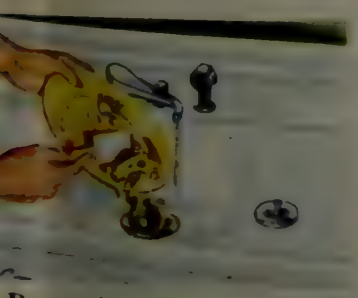
Most important to your dream kitchen is a Kitchenaider cabinet sink (66" twin-bowl model above). Food preparation and dishwashing are easier than ever before. With the Mullinaider electric garbage disposer, garbage is ended forever.

Flanking your Kitchenaider are Youngstown base and wall cabinets, perfectly arranged to fit yo floor plan, without costly remodeling. There's need to delay because Youngstown, *the kitch leader*, works magic with the price.

Your factory-trained Youngstown dealer will sh you your new kitchen in *miniature*. Easy paymen financing through dealer or bank. To learn the na of a nearby dealer, call Western Union by numb and ask for Operator 25, or send coupon.

MULLINS MANUFACTURING CORPORATIO
WARREN, OHIO
World's Largest Makers of Steel Kitche

Youngstown Kitchens
BY MULLINS



Down the drain the garbage goes! Mullinaider electric garbage disposer is safe, speedy, sanitary. Ask your Youngstown dealer for a FREE home demonstration.



Speed through dishes the straight-line way. No-splash bowls, swinging mixing-faucet and rinse spray help do the job in jig time. Porcelain enamel top is just as easy to clean as a saucer.

SEND COUPON TODAY!

GET THIS EXCITING BOOKLET!

20 pages featuring beautiful Youngstown Kitchens in color. Full details of Youngstown units and tips on arranging a new kitchen. Enclose 10c in cash. No stamps, please.

I plan to build ☐

I plan to remodel ☐

I want a free home demonstration of the Mullinaider ☐

Youngstown Kitchens
Mullins Manufacturing Corporation
Dept. B-449, Warren, Ohio

Please send me your Youngstown Kitchen booklet. I enclose 10c in cash to cover cost of mailing.

NAME _____ (PLEASE PRINT)

ADDRESS _____

CITY _____ ZONE _____

COUNTY _____ STATE _____

How to make light of your housekeeping



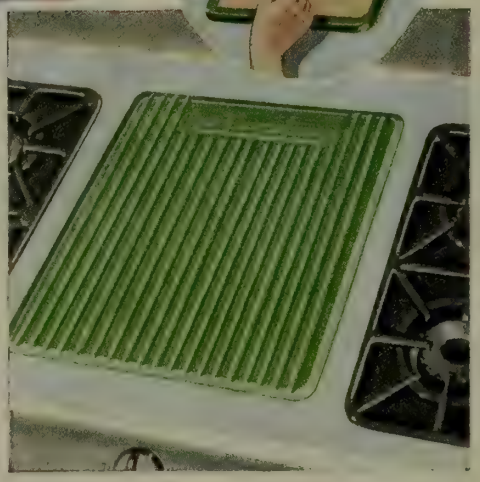
YOUR KITCHEN FLOOR gets dirtiest, wears fastest, feels hardest right where you stand at your sink and stove. Use a Rubbermaid Floor Mat . . . it keeps floor clean, saves wear, cushions your feet.



YOUR POOR BACK gets a rest when you sweep with a Rubbermaid Dustpan. Don't stoop to hold it . . . just push this marvel in place with your toe. Rubber feet hold it there . . . you use both hands to sweep.

YOUR STOVE TOP, table and sink top do double duty when you use a Rubbermaid Handimat-Cutting board. Hard cutting board on one side . . . cushioned work surface stamped with recipe measuring tables on the other.

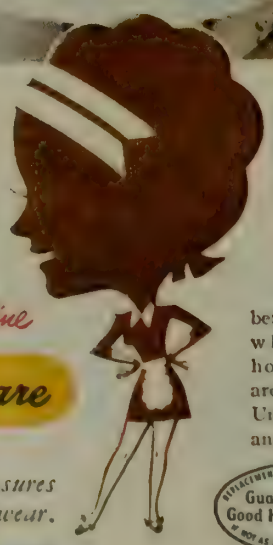
YOUR WORKTABLE need *not* have a chewed-up edge. Just slip your Rubbermaid Table Protector under the clamp on your meat grinder or other kitchen tools. It won't slip or twist.



YOUR LOVELY FINGERS—and your nail polish—keep beautiful when you use this clever Rubbermaid Steel Wool Holder.







"You'll find Rubbermaid items wherever housewares are sold in the United States and Canada."

Guaranteed by Good Housekeeping

Send for catalog showing complete line

Rubbermaid Houseware

The quality home-engineered brand that assures long life, resistance to soap, grease, heat and wear.

THE WOOSTER RUBBER COMPANY, Dept. B-1 Wooster, Ohio

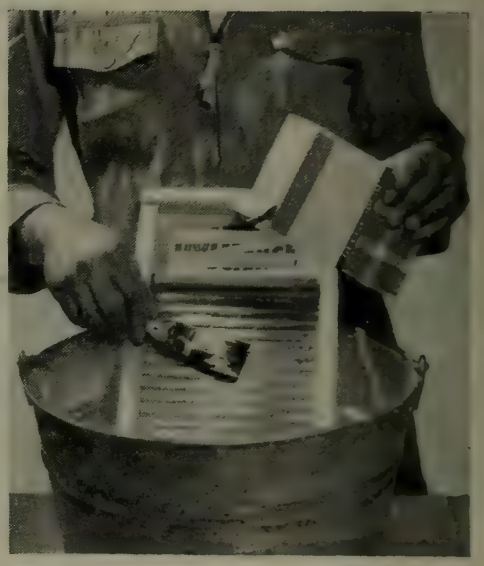
Your paintbrushes

Continued from page 140

How to salvage a neglected brush



You can make a neglected brush usable. Soak it in turpentine or liquid brush cleaner for a day or two, occasionally working the bristles to loosen paint. Use a scraper to remove old paint. Then soak brush for several hours in hot, soapy water



Next, sprinkle soap powder on an old-fashioned washboard and rub the brush across it, using the same motion used in washing clothes. Hold brush as pictured, first rubbing the corners to loosen up the bristle



When the bristle is loosened at the corners, place brush flat on the board and press it firmly with the other hand as you continue rubbing. Dip the brush into hot water, reverse it, and continue rubbing with additional soap powder. If bristle remains stiff, try sand with soap



Finally, rinse the brush in cold water until all traces of soap and paint have been removed from the bristle and the rinse water remains clear. Comb the bristle and dry it. Salvaged brushes are usable, but they are not nearly so good as a brush that has been given the proper care from the beginning

Think of Cleaning Painted Walls and Woodwork

WITH THE EASE OF DUSTING!



Instantly your paint is beautifully, spotlessly, evenly clean!

Think of cleaning painted walls and woodwork with the ease of dusting by just *wiping* away the dirt. Well, that's exactly what you do with SPIC and SPAN—Procter & Gamble's amazing cleaning discovery! Just wring out a cloth in a solution of SPIC and SPAN—and wipe the damp cloth over the paint. With a few easy strokes, even the *dirtiest* dirt simply vanishes! Right before your eyes, paint comes beautifully, spotlessly, evenly CLEAN! There's nothing to rinse—nothing to wipe dry. No streaks or cloth marks. With the ease of dusting, dirty walls and woodwork take on new beauty—look freshly painted! So, do *your* spring cleaning with SPIC and SPAN; and with the ease of dusting, just wipe away the dirt! Get SPIC and SPAN *today!*

NO SOAP, NO OTHER CLEANER, NOTHING IN AMERICA CLEANS LIKE SPIC and SPAN!

©1949, The Procter & Gamble C

Spring blooms in these rooms!

Dine and shine in this Daystrom room that sings a song of Spring. You'll live lightheartedly with this new dining set, for every bright inch swishes clean with a damp cloth! The dinner-for-eight-size table is trimly topped with long-wearing, work-sparing plastic, gay as a daffodil. Two center extensions slip swiftly in when extra company comes. Woods-green Duran covers the comfort-curved chairs. All Daystrom furniture is designed for modern living, in superb chrome *electroplated* on sturdy steel. Thrift-priced at department and furniture stores everywhere. Dining sets, 4 chairs, from $49.95* to $144.50*. Host chair, $19.95*.



Three for tea? Anyone can cultivate a social swinging of the gate with this settee that's made for three. It's new—in three units! Deep, restful springs invite carefree lounging. And it's so easy to keep the washable Duran fresh and new—the chromed surfaces shining as sixpence! New, too, is the rakish little red roll-away that makes serving so simple. Perfect for parties and like an extra pair of hands in the dining room. 3-piece settee, $134.50*. Roll-away, $24.95*.



Don't worry! All Daystromite table tops are laminated plastic—resist heat, scratches, stains! They're even cigarette-proof!

-it's DAYSTROM furniture!

DAYSTROM An ASSOCIATE

Furniture for casual living—featured by stores from coast to coast

DAYSTROM CORPORATION, Olean, N. Y. • Daystrom Pacific Corporation, Pasadena, Calif.

**Prices higher in West and South. Subject to change without notice.*

Five ways you can use the last of the loaf

By Ruth Hatheway

BREAD in the breadbox several days old? How about transforming it into chocolate bread pudding, hot French toast, bread *cutouts* toasted with cinnamon and brown sugar, *bread sticks* toasted with cheese, or bread *cubes* buttered to top a casserole? Each picture below shows you one good way to use the last of the loaf.



Chocolate Bread Pudding is baked in fluted cupcake liners set in muffin pans. Top with meringue during the last 10 minutes of baking. Or bake pudding in individual custard cups, cool, unmold, and serve with whipped cream. Garnish with shaved chocolate. Recipe is on page 168



French Toast, orange-flavored, is served here with asparagus. Combine ¼ cup orange juice, 1 teaspoon grated orange peel, 2 well-beaten eggs, ¼ teaspoon salt, and ¾ cup milk. Dip bread slices in mixture and fry in hot fat until golden brown. Cut toast ring for asparagus bundle with a doughnut cutter. Snip one side and slip over asparagus. Grate a little orange peel into melted butter; pour over the asparagus

More on next page



NEW IMPERIAL WASHABLE WALLPAPERS

Forecast Lovelier Rooms—

The 1949 collection of Imperial *Washable* Wallpapers promises brighte and lovelier rooms for many tomorrows. Glorious colors . . . distinctiv patterns . . . authentic styling . . . will give walls new charm. This char will last, for every paper is "Color-Locked"—guaranteed for three years t withstand room exposure without fading, and to clean satisfactorily in accordance with instructions in every roll. Look for the silver label that says *the finest in wallpaper.*



Jean McLain's "Color Harmonizer" has an important place in your decorating plans. Send 25c for a copy of this inspiring booklet. Imperial Paper and Color Corporation, Department B-65, Glens Falls, N. Y.

ghten your work!
brighten your home!

ranteed by
Housekeeping

d for sitting
t Model 4-D:
ium; uphol-
seat, back.

ET A "TWO-IN-ONE"
COSCO
STEP STOOL

Here's a safer way for you to reach
igh places throughout the house—
lus a comfortable seat—in one
martly styled package! Rubber-
readed steps swing in and out—
ock in place for steady footing.
Comfort-padded seat and form-fit
ack lighten tiring tasks. Four
odels, five gay colors. Other
Cosco Stools for every purpose,
very purse, $2.95 to $16.75. Get
ours at leading department, furni-
ure, appliance or hardware stores.

AMILTON MANUFACTURING CORPORATION
COLUMBUS, INDIANA

Right: Model 4-B, chromium and enamel—a steady, six-leg ladder!





Left: Model 4-A, all-enamel finish—has a hundred uses!



Right: Model 4-C, with back, enamel finish—ideal for ironing!

lso Makers of
Utility Tables



Toast the last of the loaf

Begins on page 145



Bread Cutouts are star performers for child's party. Toast cutouts, butter, and sprinkle with brown sugar and cinnamon. They make a speedy garnish for puddings, custards, applesauce. For two dozen cutouts, you'll need about ⅓ cup brown sugar and ½ teaspoon cinnamon



Cheesed Bread Sticks are crunchy tidbits to serve with tomato juice, soup, or salad. Remove crusts from day-old bread; cut bread into strips. Spread bread strips with either softened butter or fortified margarine, then roll in grated Parmesan cheese, and toast lightly in oven or broiler



Bread Cubes tossed in the skillet with melted butter or fortified margarine make a crisp casserole topping, add a festive touch to cream soups. Vary the flavor distinctively by sprinkling basil, marjoram, savory, or chopped parsley into the fat before adding the bread cubes



TRENTON (illustrated), size 72" x 90", about $9.95

"Mother will love this CRAFTSPUN Lace Dinner Cloth—a perfect background for her garden flowers"

says Mrs. M. Cochrane Cole, nationally known flower arranger



MRS. M. COCHRANE COLE

GIVE MOTHER a Craftspun* Dinner Cloth for HER DAY! This gorgeous modern design will give fresh interest to Mother's traditional china and silver. Mrs. Cole turns vases into candlesticks, a vegetable dish into a flower container. Tropical leaves cut from a house plant form the basic pattern. Later the plant can be put in the garden for use next season.

Craftspun Cloths are equally suited to formal entertaining or family dinners. They're easy to care for because they never wrinkle and spots sponge off. Mother will enjoy using her cloth year in and year out. Since it's firmly woven, it can be washed easily or sent to the laundry—needs no pressing. You will find Craftspun Dinner Cloths at most leading stores, priced from $5.95 to $12.95. *Reg. U. S. Pat. Off.

SEND TODAY FOR "Flower Arrangements for Lace," an all-new, beautifully illustrated book on flower arrangements, by Mrs. M. Cochrane Cole, nationally known authority. Contains full-color photographs, easy-to-follow directions for creating beautiful tables all year 'round. **Only 25¢. Use coupon below.**



SCRANTON LACE COMPANY
Dept. B-2, Scranton, Pa.
Please send me "Flower Arrangements for Lace"; I enclose 25¢ in coin.

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(Please print)

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City *Zone* *State*

CRAFTSPUN WINDOW CURTAINS • SHOWER CURTAINS • KITCHENAIRES*

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With
MASLAND
Broadloom Rugs



Illustrated is Masland Imperial Argonne No. 25G

Who Could Ask For Anything More?

Lovely to look at, gentle on the budget, yet amazingly long-wearing—an Imperial Argonne Rug is a dream come true for young purses and smart decorating. *Only* Masland Imperial Argonne has all these plus values for a broadloom rug: Stunning colors for easy color schemes. Shock-absorbing latex back that "locks in" the all-wool pile to add many extra years of wear. That latex back grips the floor, too, cushions footsteps, makes vacuum cleaning simple. Tuft for tuft, Imperial Argonne far exceeds in value many more costly rugs. Thanks to the new Masland Silver Seal process with its invisible seam, Imperial Argonne is one of the few rugs that may be had in almost any broadloom width you want. See Masland Imperial Argonne at your favorite store. For informative free booklet, "Young America At Home," write C. H. Masland & Sons, Dept. BH-8, Carlisle, Pa.

MASLAND

Imperial Argonne

THE BROADLOOM RUG WITH THE LATEX BACK

We put our wood lot in our house

By Mrs. F. T. Heinzen



BEFORE



AFTER. This is our farmhouse after three years of spare-time work. Lumber from our wood lot provided new wide siding, an extension to the kitchen, and a new, better proportioned roof for the kitchen wing

Eight years ago we bought a run-down farmhouse in the foothills of the Berkshire mountains near Albany, New York, for $2,000. With it went 45 acres of tillable land, and 15 acres of wood lot.

Now there are fewer trees in the wood lot: Much of the white pine and hemlock has gone into remodeling the house. But real estate and insurance men currently appraise our property at $18,000. Our own hands made the difference.

There was much wrong with the farmhouse we started with: It was too small; the roof leaked; it was poorly arranged; it had small windows in the wrong places; the sill and one wall of the kitchen were rotten; and the siding needed replacing. [*Turn to next page*

Photographs: United Picture Service



Here's a view of our house from the rear. We built a porch, 40 by 7 feet, which stretches across the back of the house. We carried the cement for its floor in buckets from the mixer to the forms. I leveled it, but it was no fun after the first seven square feet! Now we're starting the landscaping

Just Whistle...

by Bissell



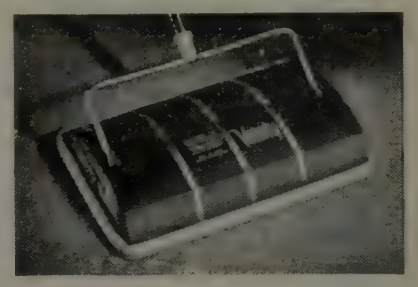
What do you do when your cherub child trails cookie crumbs over your newly cleaned rug? Spank? No . . .

Just whistle . . . and get out your Bissell Carpet Sweeper. See how that new "Bisco-matic"* Brush Action gets the dirt, at a touch! No need to bear down . . .



This miracle brush adjusts itself *automatically* to any rug nap, thick or thin. Sweeps clean under beds and chairs, with the handle held low!

Save your vacuum for occasional cleaning, and whisk through quick everyday clean-ups with your "Bisco-matic" Bissell®!



Exceptional values. "Bisco-matic" Bissells with "Sta-up" Handle and easy "Flip-O" Empty as low as $6.45. Other models for even less. Illustrated: the "Vanity" at $8.45.

Bissell Sweepers

The Bissell Carpet Sweeper Company
Grand Rapids 2, Mich.

*Reg. U. S. Pat. Off. Bissell's patented full spring controlled brush



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★ METAL STORM WINDOWS

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the man to see KNOWS ALL THREE!

In all seasons, the Chamberlin System gives your home . . . no matter how old . . . more comfort, greater economy.

In 52 years, Chamberlin has developed the finest methods of installing wall-thick ROCK WOOL INSULATION for all-year indoor comfort, plus fuel savings up to 33%; rustproof METAL WEATHER STRIPS tailor-fitted into doors and windows for freedom from drafts, dirt and rain; and attractive All-Metal STORM WINDOWS that are quick-changed to storm or screen panels from inside!

Nation-wide Chamberlin has 41 factory branches, 1,000 factory-trained mechanics, a policy of *undivided responsibility!* Remember, *installation* is half the job . . . and Chamberlin does it *right!* For expert advice on your home comfort needs, ask the man who's brought comfort and economy to nearly 3 million homes and buildings . . . your Chamberlin Man. Ask today! Call the Chamberlin Man (see phone book) or mail coupon below! Terms available.



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y _____ Zone _____ State _____

We put our wood lot in our house

Begins on preceding page

At first, we planned to hire workmen to make the repairs. That proved impossible. So we decided to do the work ourselves—my husband, brother-in-law, and myself. Even my 14-year-old son was able to help some. When we started we had no idea that it would take all our free time for three years, including vacations.

Our first job was to get lumber to work with. The first winter we felled and hauled to the mill logs from which 11,434 feet of lumber were milled. We hired a man to fell the trees, but my husband and I trimmed them. Because of miscalculation, we had to do a similar job the next winter, when we had another 8,174 feet of lumber milled. Although we had some left over, the lumber cost us only $1,044. It would have cost about $3,000 to buy.

After our first season of lumbering, we went to work on the house. First we took the old shingles from the main part of the house, replaced two rotten boards, removed a chimney, then put on tar paper and asphalt shingles. We had some outside help with the roof. That done, we went about tearing down partitions and taking off all the old plaster inside. Then we put ceilings in the upstairs bedrooms and erected new partitions. Painting the walls, and putting on new flooring, followed. After the downstairs partitions were removed, we began outside.

We closed off an old stairway to the cellar, and replaced it with a window. Then we poured concrete for the 7- by 20-foot porch floor in front, the 7- by 40-foot floor for the back porch, the base for the fireplace, the step at the living-room entrance and the foundation for the extension to the kitchen. This would cost $350 if done by professionals. It cost us $68 for cement, gravel, and sand—plus a terrific backache!

After the concrete work, we took off the old siding, and started putting in the remaining windows. The carpenter (he worked only 10 days, but was very good about showing us how to proceed on our own) put in five windows and replaced the old front entrance with another window. We took the kitchen wing apart, ripping off the old roof and attic floor, and tearing off the front wall. Then we put up a new wall and nailed it to the main part of the house.



"Now, Junior, eat your spinach."

One day the carpenter laid out a pattern for the rafters. Then he looked at his watch. "Noontime," he said, "gotta get that hay in before it rains. You have 22 of these rafters ready to go up tomorrow morning and I'll be there." They were ready, though it took three of us to saw them out.

After that we roofed the kitchen wing, and put on the new siding, made window frames for the kitchen and back porch, and put in the windows. We were able to put the floor stringers and subfloor boards in the kitchen before we ran out of lumber and had to wait for more to be cut and milled.

When spring came, we began the trim inside, upstairs and down. New downstairs flooring followed, then the fireplace: The fireplace material cost us $105—the contractor's price was $500.

Then my husband and I made the kitchen cabinets, and finished the downstairs walls (the kitchen and living room in knotty pine) after putting in more electric light outlets, wall switches, and an electric range outlet.

The plumbing was a major job. We piped our water from a spring and had to install a septic tank as well as the fixtures indoors.

Our records show a total cash outlay of $6,300. That covers the original $2,000 we paid for the farm, plus materials and labor not done by ourselves.

We have figured out the amount we saved by doing the work ourselves this way:

My husband, at carpenter's rates of $1.25 an hour	$2,570
His brother, at helper's wages of $1 an hour	2,056
Myself, at 50 cents an hour	1,028
Total	$5,654

Besides the saving in money, we have learned a lot. Now we can't see the sense of hiring help for anything.



"It takes a heap of living to make a home. This is one of our best heaps."

Is your Hot Water AUTOMATIC?

You can rely on hot water *'round the clock* with an automatic water heater . . .

By R. E. James

Rheem Engineering Consultant

An *automatic* water heater never stops. It keeps enough hot water on hand 24 hours a day to supply every tap and washing machine in your house. Without waiting. Without varying water temperature. *Without your going near it.*

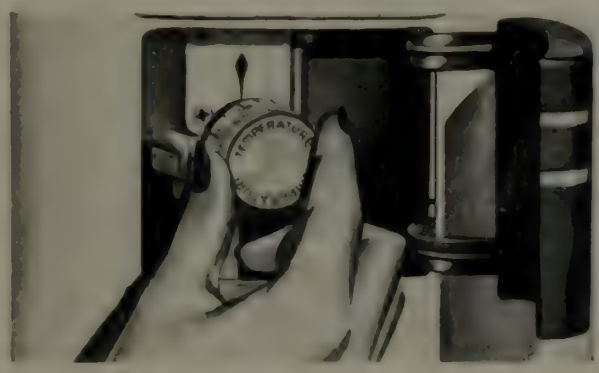
It is the most essential appliance in the house. And it should be selected with utmost care and consideration. A competent plumber will help guide you as to the correct size, fuel and model for your home.

The facts illustrated here will help you to understand water heater values. But your best safeguard is the name Rheem, leader in style and performance—*world's largest maker.*

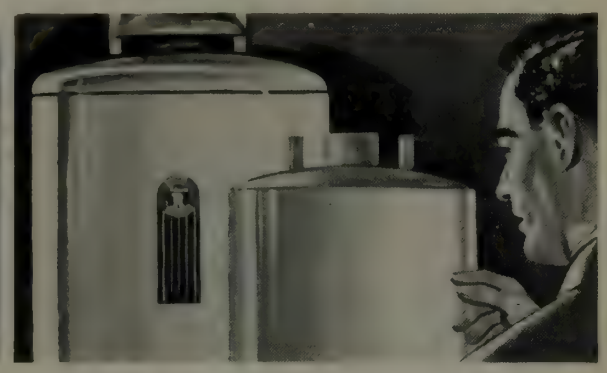
Rheem automatic water heaters and other home comfort appliances are merchandised through selected wholesale distributors to your nearby plumbing and heating dealer.



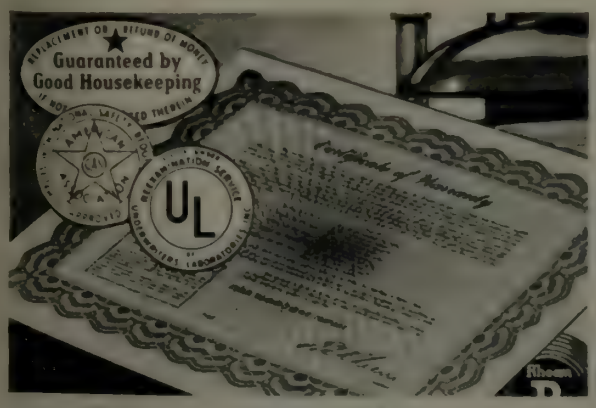
1. Good Looks Count . . . The first thing that impresses you about a Rheem is its design. White baked enamel, finished in gold trim. Everything is concealed, yet easy to get to. Takes up little room and can be installed in the kitchen, utility room, laundry, breezeway or basement.



2. Tune In Hot Water . . . Now open the little door, set the thermostat dial for the degree you want — 60° to 180°. You can keep it at an average 140° and turn it up high for laundry. If, for example, you have a 30 gallon gas model, it will furnish hot water at 42 gallons an hour. Goes on and off by itself.



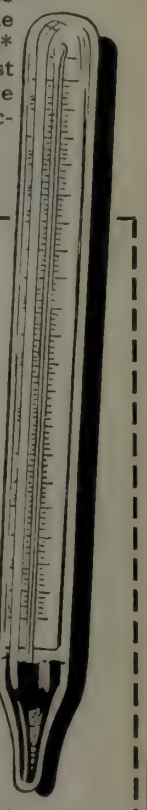
3. Good Heart . . . The tank is the heart of your heater. Only the Rheem tank is made by the *patented** Rheem-Process. Warranted against leaks and corrosion. Some models have a magnesium rod for additional protection. *Pat. No. 2444833



4. Protection In Writing . . . A good product is backed to the hilt by the manufacturer. Rheem gives you a guarantee in writing. You get the Good Housekeeping Guaranty for refund or replacement if not as advertised in that magazine. You get the A.G.A. seal for gas, the U.L. seal for oil or electricity.



5. Where To Buy . . . From an expert. The reliable Rheem dealer in your community. He has a wide range of water heaters at all prices, for all fuels, gas (including "bottled"), oil and electricity—and *all* are automatic. Water heater experts everywhere look to Rheem for reliability . . . *you* can rely on Rheem.



Please accept this $1.25 Gauge ONLY 25¢!

Offer made solely to demonstrate to more homeowners the need for dial-controlled temperatures, as in Rheem automatic water heaters.

- Real professional *Water Temperature Gauge*, of quality that sells for $1.25 and more.
- Shows needed temperatures for laundry, dishes, bath etc. Guaranteed accuracy.
- Sent postpaid in handsome container with full directions.

✓ *big 7 in. size*
✓ *special blown glass*
✓ *stands on end in water*
✓ *registers within 30 seconds.*

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Please send my Water Temperature Gauge at once. I enclose 25c in coin to cover all costs.

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Is it any wonder more women cook on *Magic Chef* than on any other range

only *Magic Chef* has the one-piece top burner that can be washed like a plate



Lift Out



Wash



back it goes! easy as laying it down

This new burner makes good cooking easier for you in many ways. Its porcelain finish inside and out makes a clean, hot, fast flame. There is perfect heat distribution and instant touch control for easy adjustment to your exact cooking needs. The burner tray will hold a cup of spillovers without affecting the automatic lighting. Before you buy, compare Magic Chef feature for feature with any other range and then you'll know why more women cook on Magic Chef than on any other range.

Only *Magic Chef* has an automatic gas range for every purse and purpose



SERIES 600—30" WIDE. Specially priced for small budgets, specially made for small kitchens. Full size oven and broiler. Exclusive Magic Chef features.



SERIES 2900—39" WIDE. Brings you modern cooking plus winter kitchen heat. Right side is complete Magic Chef Gas Range. Left side heats kitchen with gas, oil or coal and wood.



SERIES 1000—62" WIDE. The range of individuality for homes of distinction. Six top burners, two big ovens, griddle, broiler. Tailored in stainless steel. Cooks for two or two hundred.



Did You Know... All burners, oven and broiler too, light automatically on "CP" models. Magic Chef Automatic Gas Ranges operate equally well on city, "Pyrofax" or other bottled or tank gases. See your Magic Chef dealer or local gas company. American Stove Company, Dept. B-4, St. Louis.

© 1949, American Stove Company

How to set your table

By Fae Rowley

You can have a smart table with either elaborate settings or the most inexpensive accessories. The trick is neatness: knives and forks, plates and glasses lined evenly with each other and with the edge of the table.

The rules for placing your table silver are based on convenience for those seated at the table. See pictures.



Breakfast. Teaspoons at right of knife are for coffee and soft-cooked egg; knife and fork are for ham, bacon, or sausage. For cereal, replace inside teaspoon with soup or dessert spoon. Butter knife is placed on butter plate—vertically or horizontally. Other silver is 1 inch from table edge

Do you know that

. . . A dessert spoon is a size larger than a teaspoon?

. . . The dessert spoon is also the proper spoon for soup or cereal service?

. . . A luncheon fork is correct for dessert service?

. . . A salad fork also can be used for dessert?

. . . A luncheon knife is used as a salad knife when head lettuce is served in wedges that need cutting?

. . . Knives, forks, and spoons are called flatware?

. . . Silver serving dishes, goblets, and candlesticks are called hollow ware?

Photographs: Stanley



Luncheon. Salad fork is placed *inside* luncheon fork—salad will be served with luncheon course. If salad is to be served first, salad fork is placed *outside* luncheon fork. If you're serving salad and sandwiches together on luncheon plate, you'll need only salad fork on left and coffee spoon on right. If soup is served for luncheon, coffee is usually brought in with or after the dessert



Informal dinner. Each piece is placed in the order it will be used, from the outside in—soup spoon on the outside for the first course, teaspoon for sherbet, creamed vegetables, or coffee in the main dinner course. The salad fork is placed inside the dinner fork when salad is served with dinner or after main dinner course

Where to get it, page 299

DRINK
Heart's Delight
California APRICOT
NECTAR
(A FOOD DRINK!)





Heart's Delight
WHOLE FRUIT NECTARS
APRICOT · PEACH · PEAR
THE BRAND YOU CAN DEPEND UPON FOR QUALITY!

Made from fresh, ripe California fruit especially selected for nectar use! They're the original "Juici-drinks"— extra-delicious and healthful as a food drink and in punches, salads, dressings, sauces, sherbets, desserts. *Try the tested Recipes on the Back of Every Label!*

Heart's Delight



PASTEURIZED
PRUNES
STEW IN ONLY 10 to 20 MINUTES because Pressure-Cooked Before Packaged!

RICHMOND-CHASE CO., San Jose, California

MIRRO-MATIC

"America's Most-Wanted Pressure Pan"



New MIRRO-MATIC "8"

t Pressure Pan and Canner

in response to popular de- the handsome new "8" nes all the desirable features original MIRRO-MATIC "4" enerous, *extra* capacity! It essure cook an 8 lb. chuck nam or fowl, in minutes, to d-of-tenderness. For pres- nning, it holds 7 pint-jars cans, 4 quart-jars or No. 2½ dentify it by the MIRRO- C Control, the graceful cover, the extra side grip for handling. *With rack and book,* **$17.95.** (West, $18.95.)

The MIRRO-MATIC "4"

4-Quart Pressure Pan

This familiar favorite will pressure cook low-cost cuts of meat, flavory vegetables, light-as-air custards, or puddings, in jig time. And, as a welcome helping hand during the home-canning season, it will hold 4 pint-jars or No. 2 cans. For cooking *or* canning, you'll find the MIRRO-MATIC "4" easy to use, easy to keep sparkling clean, and lovely to look at. These are the reasons why this popular pan is "most-wanted" in modern kitchens all over America. *With rack and recipe book,* **$12.95.** (West, $13.95.)

RO-MATICS you . . .



. . . *Cooking Without Looking*

The MIRRO-MATIC Audible Control automatically prevents pressure from going higher than your recipe requires . . . 5, 10, or 15 lbs. Indestructible! Trouble-free! Exclusive!

IRRO FINEST ALUMINUM

get **MIRRO-MATIC** *at department, house-furnishing, and hardware stores, wherever dealers sell the finest aluminum.*

The MIRRO-MATIC Deep-Well Pressure Cooker is now featured in
ADMIRAL, COOLERATOR, ESTATE, FRIGIDAIRE, GIBSON, MARION, NORGE, AND WESTINGHOUSE RANGES

GOODS MANUFACTURING COMPANY • MANITOWOC, WISCONSIN
's Largest Manufacturer of Aluminum Cooking Utensils

Room for

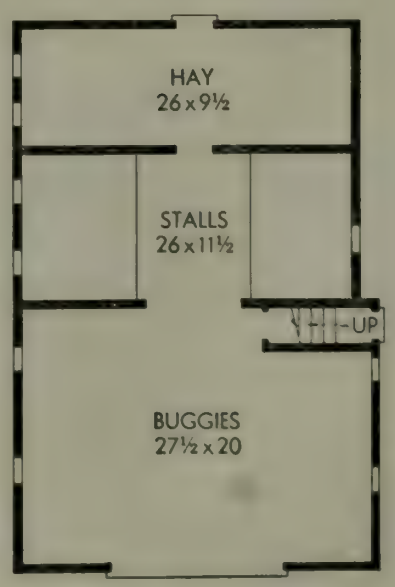
It's better to have too much

Is space what you need, though your budget is small? Your best bet is probably to buy an old house or barn. There you will find space, usually sound construction, and a need for improvement. By remodeling you can turn that space into a comfortable home.

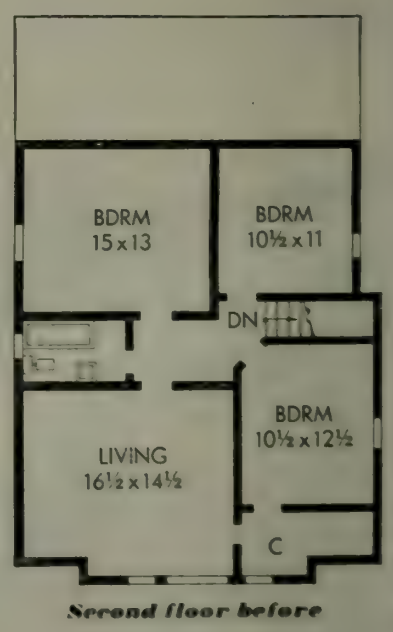
When the C. R. Boyntons went looking for space, they found it in a former carriage house at the rear of a big lot in Oak Park, Illinois. The house was badly outmoded in ap-



Before—Old carriage houses like this went out of style as fast as the carriages themselves, similar to the one you see here. The lines of the house were bad, but there was plenty of space inside it. This photograph was taken about 1890



First floor before



Second floor before

More on page 136

improvement

room than not enough

By Rand E. Wright

pearance, but the Boyntons were more interested in an attractive home inside than a beautiful exterior.

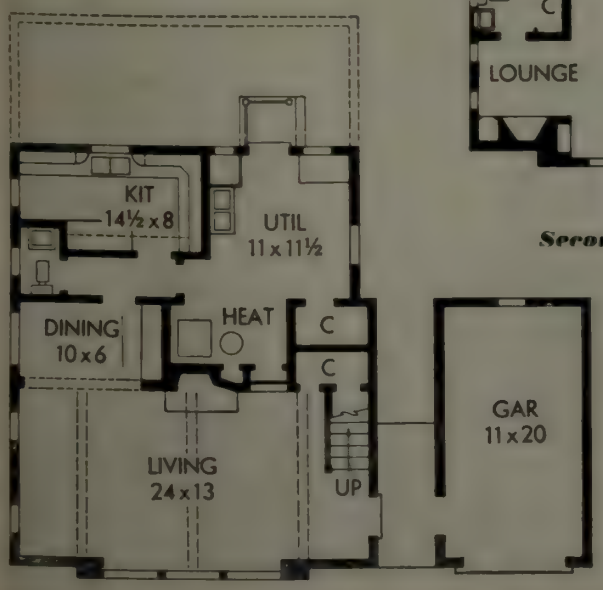
Architect W. Lockwood Martling, Jr., wrought the change. A finished exterior remodeling job would have been costly, so the outside was modified as much as possible at as little expense as possible. Major changes were made inside, as you can see by studying the "before" and "after" plans and photographs on these pages.



After—Rather than tear the building apart, lines were improved with a minimum of changes. The garage addition and grayed paint tones make the house seem lower. White trim around windows keeps your eye off high roof peak



Second floor after

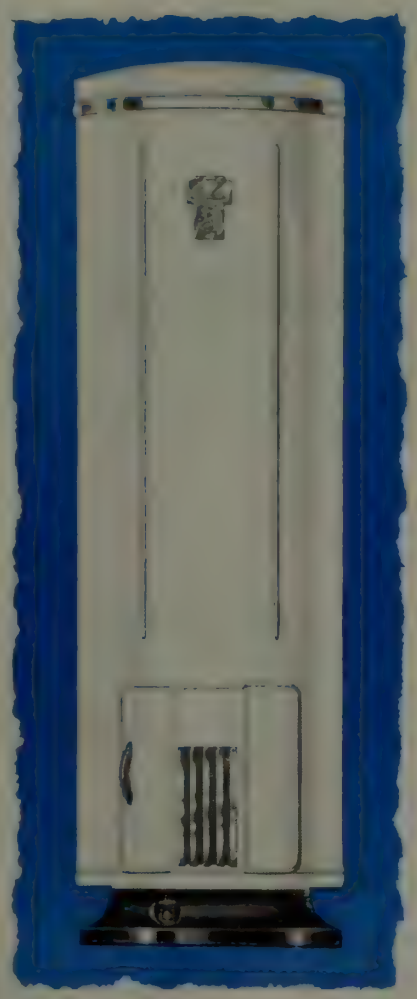


First floor after



EVERYONE in the family is happy over this

NEW DISCOVERY about HOT WATER



IT MEANS cleaner, purer hot water *all the time* and always *all you want* . . . because it's Hot Water "Packaged-in-Glass"!

NO RUSTING • NO CORRODING

Remember this one thing about a *Permaglas* Water Heater: it CANNOT *rust . . . because GLASS cannot rust.*

The reason, a remarkable development by A. O. Smith scientists, is the tank of glass-surfaced steel—sanitary as a clean drinking glass! Banished is tank rust that ruins laundry, corrosion dirt that discolors water and fixtures.

Proved in hundreds of thousands of homes all over America, *Permaglas* Water Heaters assure you a new, economical kind of hot-water convenience. All the hot water you want for every home use, all you need for the newest automatic washers and dishwashers . . . and always *clean.*

You no longer need to replace your water heater every few years . . . when you install a *"Permaglas"!* At leading merchant plumbers, appliance dealers or public utilities.

FOR DRAMATIC PROOF, visit your nearest dealer who displays this emblem.

Permaglas

See for yourself this amazing new discovery, Hot Water "Packaged-in-Glass."

FOR HOT WATER MAGIC GAS has got it!

REPLACEMENT OR REFUND OF MONEY
Guaranteed by Good Housekeeping
IF NOT AS ADVERTISED THEREIN

Permaglas

TRADE MARK REG. U. S. PAT. OFF.

A SMITHway WATER HEATER*

A. O. SMITH Corporation, Water Heater Division, Kankakee, Illinois
International Division: Milwaukee 1, Wisconsin • *Licensee in Canada: John Inglis Co., Ltd.*

*Also quality zinc-lined Duraclad and Milwaukee Water Heaters

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Housewives everywhere use these marvelous refrigerator bags to preserve foods—keep them fresh, crisp—to seal in flavor, prevent spread of odors. You'll find they quickly pay for themselves in food you don't throw away. **Genuine, original** Handi-Bags are bigger, made of heavier, more perfectly-sealed polyethylene plastic than other bags you might buy, and they come equipped with good metal closing clips. **Accept no substitutes.** Here's what you receive for $1.00—(notice the large sizes):

1—14″x21″ bag for turkeys, roasts
1—14″x18″ bag for fruit, vegetables
1—8½″x18″ bag for celery, etc.
1—8½″x15″ bag for cheese, fish
2—8½″x12″ bags for butter, chops

Genuine Handi-Bags are generally sold by women raising money for highly deserving clubs and church organizations . . . **they are not sold in stores.** It will pay you to buy a set the next time a friend solicits you. If no club or group near you sells Genuine Handi-Bags use the convenient coupon below.

☐ Please tell me how my group can raise money selling Handi-Bags.

☐ Please send me your latest catalog of many fine household items.

☐ Enclosed find $1.00 for a full set of refrigerator bags. I understand they will be shipped prepaid and my money will be refunded if I am not satisfied. (No C.O.D.).

NAME

ADDRESS

CITY ZONE STATE

A·M·G Handi-Bags

A.M.G. PRODUCTS CO.

Box 717-W Pittsburgh 30, Pa.

Room for improvement

Begins on page 154



Before—This will give you an idea of the interior just as the Boyntons found it—sturdy structural members, a good foundation and floor, not much light, but plenty of space. Ceiling was high, so floor was raised and pipes and ducts set below



After—As light as a solarium is the new living room. A wide bay, with a fixed window in the center and a pair of casements at either end, replaced old garage doors. Draperies slide into recessed boxes at each end of window. Ceiling beams are false, were added merely for effect



Living-room walls opposite the bay are random-width, V-grooved pine paneling with a satin finish. Stairway railing is a simple Early American design in keeping with the flavor of the house. The entire wall is purposely nonsymmetrical; opening in the fireplace is even off center

More on next page



toward buying hardware . . . unless you are sure it's

quality hardware

Few parts of your new house will get as much hard service as the door, window and cabinet hardware. Your house literally *moves* on its hardware.

To save money now and avoid disappointment later, read the valuable tips on hardware selection in YALE's handy 8-page booklet. Send only a dime.

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YALE HARDWARE
Sign of a Well-Built House



Dining room is a shallow ell off the living room. When the Boyntons have guests, the table can extend into the living room so that no one will be cramped. Note soft tones of the wood paneling above the fireplace



Before—Many of you may have a corner like this under the eaves of your attic. Lack of sufficient headroom makes the space useful only for storage

After—The "wasted" corner is now a sleeping alcove, complete with low cupboards, shelves for books and knick-knacks, built-in dressing table



More on next page

Year 'round protection against sun, storm, rain, sleet, snow—with . . .

RUSCO

. . . an improved, complete line of all metal, adjustable, venetian-type awnings and jalousies

These colorful, permanent awnings and jalousies will give you many year 'round benefits—they never have to be taken down, stored or recovered. They're adjustable—give you control of light, visibility and ventilation. They're stormproof, sunproof, and fireproof.



1 The Rusco Venetian-type Door Canopy.

2 The Rusco Venetian Enclosed-type Awning.

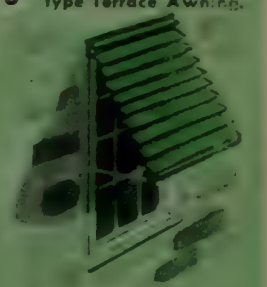
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3 The Rusco Venetian-type Terrace Awning.





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Goodbye To Unsanitary Garbage Cans

Also good riddance to household pests that the garbage pail attracts!

Hotpoint Disposall

Solves Garbage Problems the Modern Way!

SAVING garbage is not only a distasteful, old-fashioned job but it's downright unsanitary! Go modern with the new Hotpoint Electric Disposall® which shreds table refuse to bits and washes it down the drain! This automatic food-waste disposer is self-cleaning — actually scours drain! Safe, odorless, it saves time, saves work. Let your Hotpoint dealer show you how economically the Disposall can be installed in almost any sink.

HOTPOINT INC. (*A General Electric Affiliate*), **5600 W. Taylor Street, Chicago 44, Illinois**

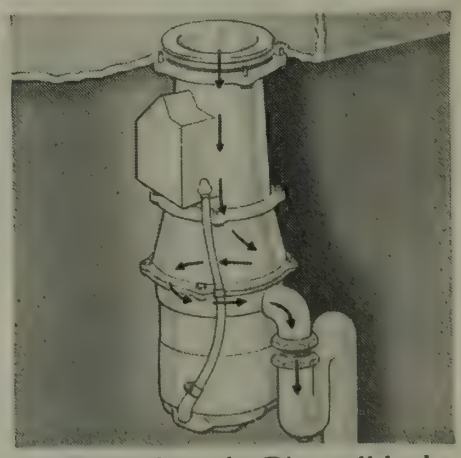
- More than 125,000 in use
- Costs less than 10c a month to operate
- Full year warranty
- Can be used with any sewage system, including septic tanks and cesspools



1 Simply remove control cover and scrape table refuse into drain opening. Replace control cover and turn handle to ON position.



2 You turn on the cold water, which automatically starts the action. Table refuse is shredded and washed down drain.



3 Here's how the Disposall looks and performs. Arrows show how the shredded liquefied waste is carried down the drain.

Everybody's Pointing To

Hotpoint Disposall

Guaranteed by Good Housekeeping

Call Western Union Operator 25 for the name of your nearest Hotpoint dealer.

Room for improvement

Continued from preceding page



Before—Here is as poorly planned a bathroom as you'll ever find—each fixture on a different wall, lifeless walls, one small, high window. This room was used by the coachmen

After—Now all fixtures are on one wall to save on plumbing costs; ceiling over shower is furred down to give better proportions. Wallpaper and linoleum add a touch of color





This corner of the old barn used to have a feeding trough for horses. Now it is one end of the kitchen, where the Boyntons put on the feed bag at a quarter-circle table that drops against the wall when not in use

New Eagle-Picher Decorator Paints • simplify all home decorating!



10 HARMONIZING COLORS!

HARMONIZE with each other!

BLEND with any color scheme!

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for walls, ceilings — *for woodwork, cabinets* — *for kitchens, bathrooms*



The color in this illustration is **Potters Blue.** Other colors available in harmonizing Eagle-Picher Decorator Paints are:
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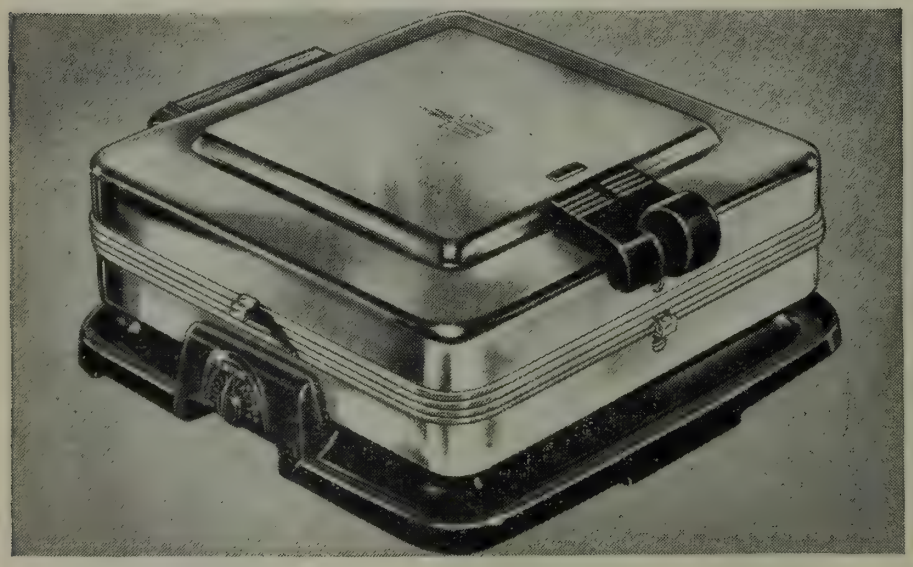
NEW ARVIN DUAL-CONTROL

Ends guesswork ironing!



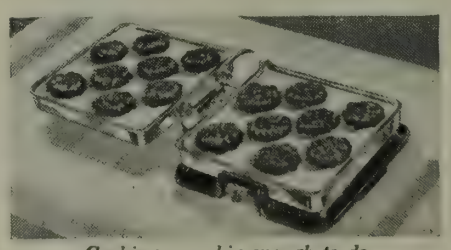
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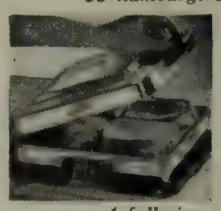


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How to cover a counter wi

Following this step-by-step guide, you can give your kitchen counters, new or old, a long-lasting surface at low cost

Is the linoleum on your kitchen counters worn or cracked? Has water worked in and loosened the paste?

With care and patience, you can replace such linoleum yourself. Or, if you remodel, you can use the same techniques to put linoleum on new counter tops. You'll save a substantial sum by doing the work yourself.

There are, however, several precautions you should take and limits you should recognize.

First, don't try to lay linoleum in a cold room.

Second, line up the right tools before you start.

Third, don't try to use battleship-weight linoleum. Its thickness will fight you from start to finish in coving, in fitting, and in cutting. Plain counter tops, where all the fitting required is for straight outside edges, are easy to do with battleship linoleum. But for all the wear it will get, you'll find lightweight material long-wearing, cheaper, and easier to handle.

The most urgent warning is this: If you feel any qualms before you begin, don't attempt a coved job, where the one piece of linoleum continues up the wall. Instead, make it a two-piece installation, one piece for the flat surface and another for the vertical. You can buy a trim strip for the two meeting edges to fit into.

Linoleum usually comes in six-foot rolls, from which the dealer will cut the linear amount you want. In the same shop you can buy the necessary tools, adhesive, and metal or plastic stripping to hold the linoleum in place.

Photographs: Philip Fein



Here is a partly finished sink cabinet ready for linoleum. Counter top is 3/4-inch plywood, wall cove 3/8-inch plywood. When you replace old linoleum, strip it off, remove old trim, and clean wood base with steel wool dipped in water (ordinary paste) or gasoline (waterproof paste)

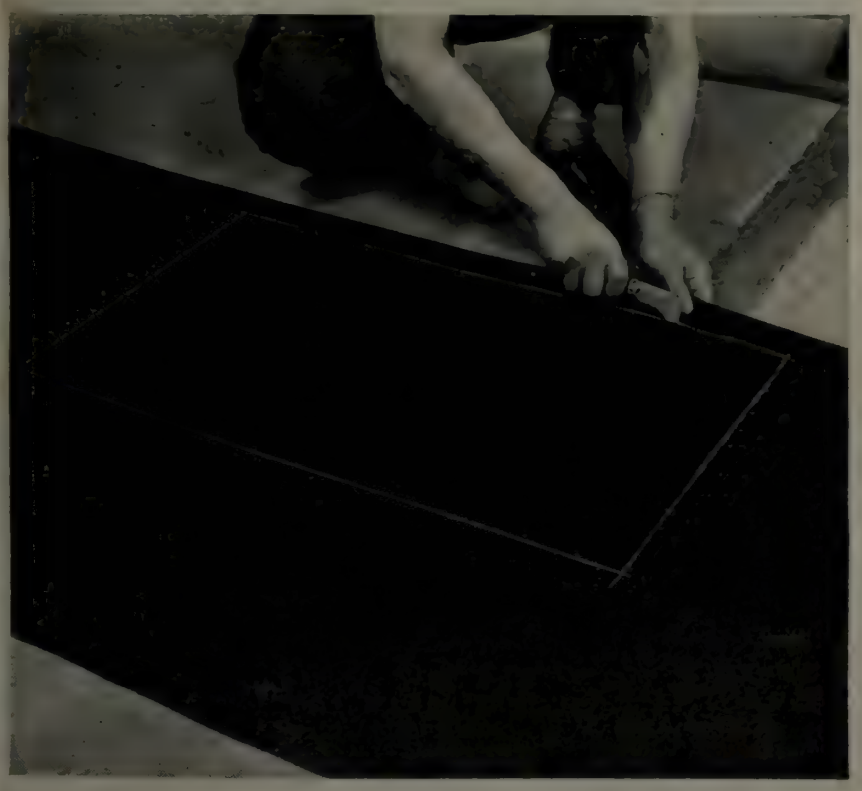
with linoleum

By Bob Gilmore

You'll need these special tools



Special tools you'll need for this job include carpenter's dividers for outside scribing of contours, underscriber for marking inside contours (top), linoleum knife, and a paste spreader. Plus the paste, of course. You should also have on hand a hammer, screwdriver, nail set, pocket knife, pliers, combination square, hacksaw, marking pencil, file, steel measuring tape, tin snips, carpenter's square, and putty knife



Linoleum, warmed overnight in an 80-degree room, has been cut roughly to size, with enough overlap for final trimming. Sink opening is being cut, slightly smaller than actual size. Use a board under linoleum as cutting surface. For complicated cutting, use linoleum felt pattern

More on next page





Want the cleaner wash Live-Water action gives?

Ask your Frigidaire Dealer to show you the one Automatic Washer that launders differently from all others!



Right before your eyes you can watch clothes getting cleaner, cleaner, *clean* in the new Frigidaire Automatic Washer at your Frigidaire Dealer's—or any half-hour in your own laundry. Live-Water washing makes the difference—and what a difference! The entire new-principle washing action is done by rolling, tumbling currents of sudsy water—no metal parts pulling and jerking to cause undue wear.

It's all done automatically—Live-Water washing, rinsing, rerinsing and Rapidry-Spinning that gets clothes really damp-dry! Just touch a dial to start—and next lift out cleaner, drier, lighter clothes. That's all there is to washday the Frigidaire way—won't you try it?

Visit your Frigidaire Dealer to learn all about the one really different Automatic Washer. And see, too, the new Frigidaire Refrigerators and Electric Ranges. Find your Frigidaire Dealer's name in the Classified Phone Directory: or write Frigidaire Division of General Motors, Dayton 1, Ohio. In Canada, Leaside 12, Ont.

Listen to Frigidaire's New Lum and Abner Show, Sunday nights, CBS.

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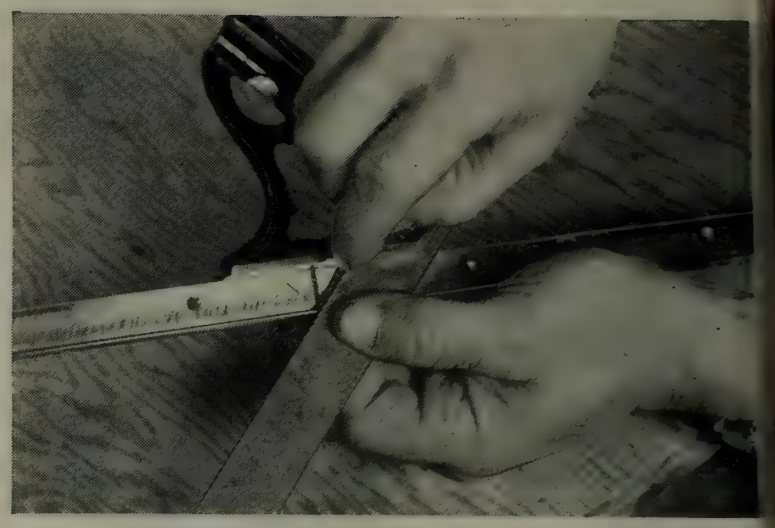


Feel how light, how dry clothes are when they come out of the washer. That's because of Rapidry-Spinning—it gets many pieces dry enough to iron.



It's porcelain inside and out—this-easier-to-keep-clean washer. Just wipe off exterior dirt with a damp rag—the self-cleaning interior needs no attention.

Fitting the



Trim strips should be placed around the outside edges of the counte first. Here a combination square (giving a 45-degree angle) and sharp nail are being used to mark the horizontal nailing surface of th trim. Do this before cutting to bend around a right-angle outside corne



Marked, the metal trim strip is being cut with tin shears before it is bent. The section being removed makes a perfect 90-degree triangle, to allow a right-angle bend without overlapping. Careful fitting of the trim is essential if you want your job to have that professional look



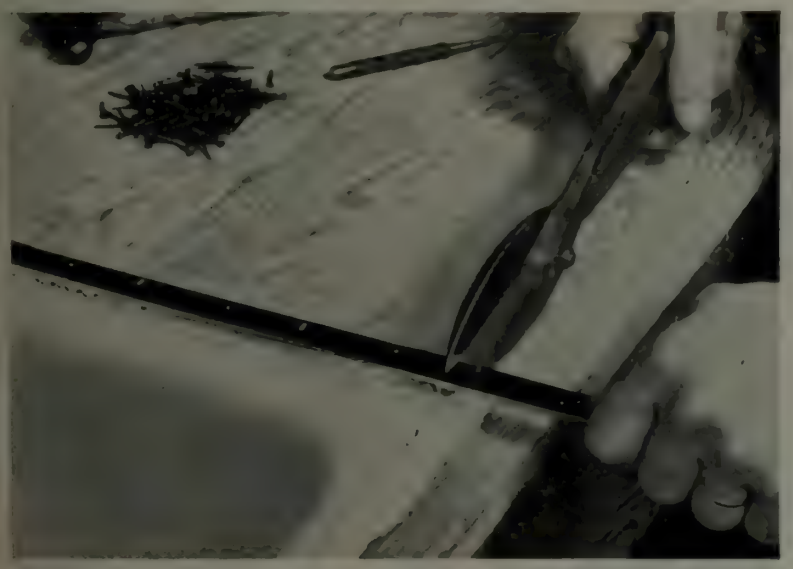
Here the metal trim strip, already nailed in place along the range edge of the counter (left), has been bent at the notched portion to fit around the corner. A small block of soft wood, struck with a hammer, forces the trim tightly into place. Don't hammer on the trim itself; you'll mar it

Where to get it, page 299

...netal trim



...o cut off trim strip at a right angle, first snip through horizontal part ...th your tin shears. Then use the corner of a file, as shown, to cut a ...ore in the vertical face. Finally, break the trim by bending the strip ...ack and forth at the score. Then file the ends clean and square



Trim around the sink has been measured, nailed at one end, and is now being cut before bending. On an inside corner, only a single snip is needed. Make this snip only into nailing portion, leaving rounded rim uncut for bending. Note non-drying calking compound under strip



To bend trim, hold it firmly in both hands and force it around corner. For a more gradually curved corner, make several snips, then force the curve around some round object of the same curvature. Better still—and a great deal easier—would be to nail a ready-made rim in place

More on next page

▼ marks the spot for a built-in telephone outlet





That little triangle, marked on the plans for your new home, will help protect the beauty of fine walls and woodwork. It shows your builder the locations where you will want telephones. It enables him to provide for *concealed* telephone wires leading to built-in telephone outlets.

If he knows the locations in advance, he simply installs outlet boxes and then connects them with a few sections of pipe or tubing inside the walls while construction is in progress. Later, when telephones are installed, the wires can be run through these raceways to each instrument.

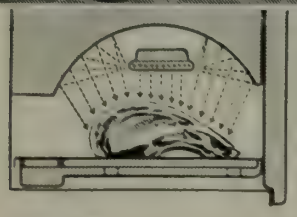
For complete details about this important home feature, call your nearest Bell Telephone Business Office and ask for "Architects and Builders Service."

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Continued from preceding page

Trimming linoleum



With all trim in place, linoleum is scribed and cut for an exact fit. This is how an underscriber (right) works: The bottom part follows the contour being duplicated by the needle above it. The needle is adjustable. With the linoleum in place and edges trimmed, outline of sink trim is marked (above) before the cutting





Where linoleum must be fitted around pipes, fixtures, or other irregular objects, a pair of carpenter's dividers can be used to transfer exact contour to the linoleum. Here a strip of linoleum has been placed along the top of the range back, about one inch above the position it will occupy when cut to fit. The dividers are being set at the exact distance



Dividers set, the exact outline of the range back is being scribed on the linoleum. Dividers always should be held firmly at right angles to the object being followed. Cut on the scribed line with a linoleum knife

More on page 166



Most popular curtain styles, top to bottom: Cottage Set, Criss Cross, Priscilla; far right, Tailored.









Two kinds of decorative and practical curtain fabrics. ABOVE: tailored curtains made from luxuriously sheer Hathaway Nylon Marquisette. AT LEFT: three of the many styles of lovely curtains made from famous Hathaway Dots.

Hathaway Nylon Marquisette is unlike any other fabric. Imagine chiffon-sheer curtains which are long-wearing and easy to launder! They shrink no more than 1% in *either* direction because of a special process used *only* by Hathaway.

Hathaway Dots are known everywhere for their crisp, white loveliness, their durability and their purse-pleasing low price. Both the Nylon and the Dots are available in all of the popular curtain styles.

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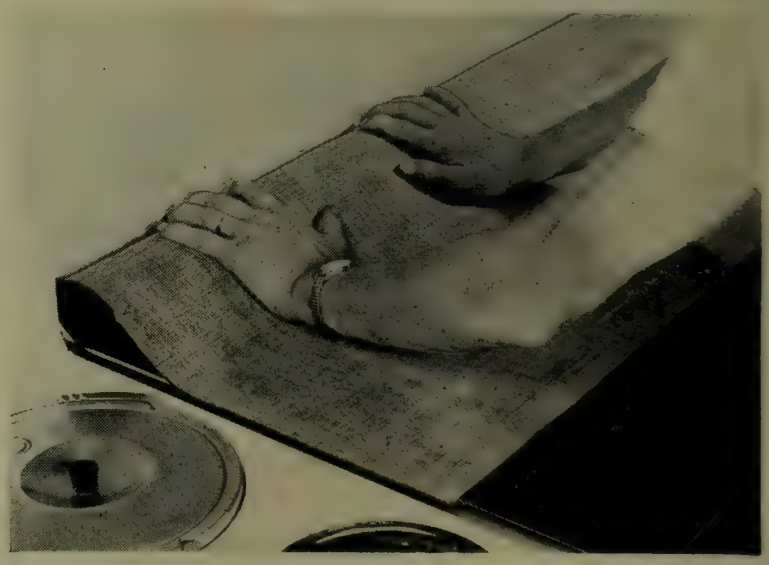
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Continued from page 16

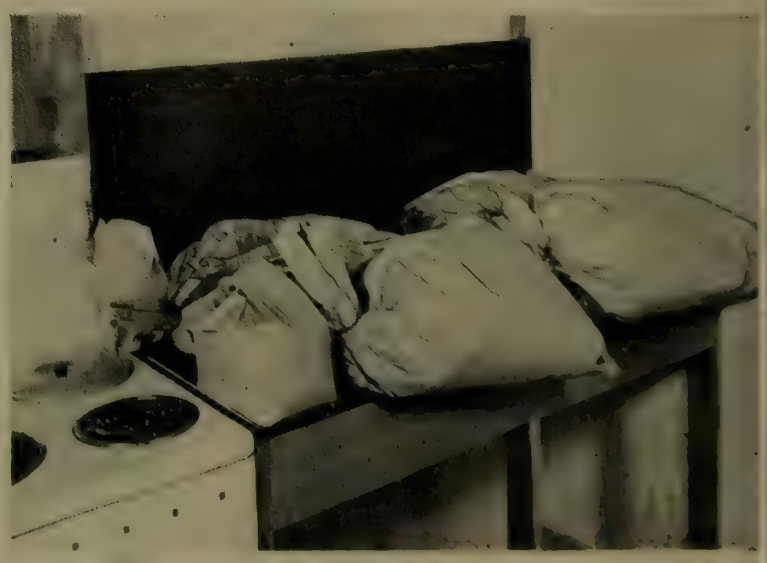
Applying the linoleum



With trim strips installed and linoleum cut, lay linoleum aside an spread adhesive over surface to be covered. Professionals use waterproo cement on a two-inch strip around sink, ordinary paste elsewhere. Bu you'll find it little more expensive to use waterproof paste exclusivel



Here, adhesive was first spread only on counter. Linoleum was laid in place, flattened, and rolled into a tight fit. Then paste was put on cove and linoleum rolled up to eliminate air bubbles. Professionals paste all areas, fit linoleum into trim, let natural stiffness force it down in place



Sandbagging, say some professionals, is essential to hold linoleum flat until the adhesive has set (overnight). Half of this counter (pictured) was sandbagged, the other half unweighted. There seemed to be little difference. To be absolutely sure, use sandbags. But it's heavy work

More on page 168



Why should a Woman care about CORNER POSTS

That post between windshield and door holds one corner of the roof over your head—so it has to be strong for safety's sake.

But a wide, heavy corner post means a "blind spot" in your vision—makes it hard to see other cars swinging out of driveways ahead of you, or children running into the street. And that's not good from the safety standpoint.

But—look at the 1949 Body by Fisher—and see the happy answer smart engineering has come up with! That post is every bit as strong as before, but far *narrower*—easier for you to see around.

This is but one of the many examples of the solid, enduring, built-in superiority of every Body by Fisher.

Slam the doors—run the windows up and down—test the seats for soft, resilient riding comfort. You'll find you can *hear* the difference, *feel* the difference, *see* the difference when it's Body by Fisher.

And remember—only a car built by General Motors can boast of such extra values—because only General Motors cars have Body by Fisher.



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In your next car, choose a Body by Fisher with foam rubber cushions — and make a happy discovery! They'll never sag, mildew, nor absorb dampness. They'll take all the beating an active family can hand out — yet stay in handsome shape to welcome your guests.

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The Carefree Life
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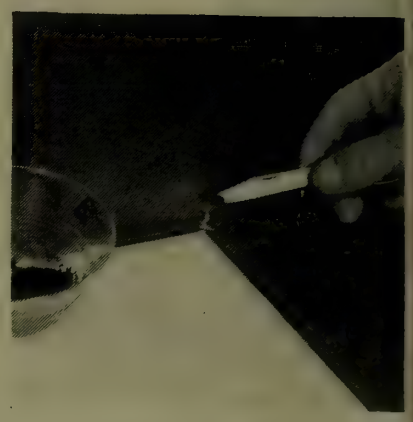
Chairs by Shaw Mfg. Co.
Charlotte, N. C.

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BOLTA PRODUCTS SALES, INC.
LAWRENCE, MASSACHUSETTS

Continued from page 166

Repairing linoleum





To repair errors in your work, first file or scrape off tiny grains of linoleum (left). Then mix them with varnish until you get a thick paste. Use tapered knife blade for placing this linoleum dough into cracks and crevices (right). Force the dough in tight, smooth it off, and let it dry for a day or two before a final smoothing with steel wool and oil. Your patch will be almost invisible

To remove scratches or polish repairs in the finished surface, use a pad of the finest steel wool you can get, dipped in boiled linseed oil. Rub with even pressure and a smooth, circular motion until marks have been removed. Then wipe off the oil and wash the entire counter with a mild soap solution, using a cloth wrung almost dry. Some professionals advocate an immediate coat of clear, plastic linoleum finish, while others recommend a weekly polishing with a good paste wax for protection



Tell us about your project

Are you building your own home, remodeling an older house, making a basement or attic livable? *Better Homes & Gardens* wants to know about it. Editorial rates will be paid for articles accepted. Send in your photographs, too: Before and after shots of remodeling (from the same angle), action views of new building.

Yours doesn't have to be a major project. It can be a garden wall, a new porch, or a terrace—anything that adds permanent value to your home.

Your fellow readers are especially interested in costs these days. So figure up how much time you have put in your project, and how much you are paying yourself, figured on a basis of your local labor rates.

Send your letters to Building Editor, *Better Homes & Gardens*, Meredith Building, Des Moines 3, Iowa.

The last of the loaf

Continued from page 146

Chocolate Bread Pudding

2 1-ounce squares unsweetened chocolate	2 slightly beaten egg yolks
3 cups milk	1½ teaspoons vanilla
½ cup brown sugar	4 cups dry bread cubes
½ teaspoon salt	

Combine chocolate and milk; heat in double boiler until chocolate is melted. Beat with a rotary beater to blend. Combine brown sugar, salt, and beaten egg yolks; add chocolate mixture gradually; stir vigorously. Add vanilla. Soak bread in chocolate mixture 10 to 15 minutes; stir occasionally. Pour into greased 1½-quart baking dish. Bake in pan—1 inch hot water surrounding—in moderate oven (350°) 30 minutes, or until almost firm. Top with **Meringue:** Beat 2 egg whites until foamy; add ¼ cup sugar, a tablespoon at a time; beat well after each addition until mixture stands in peaks. Pile lightly on top of pudding. Return to oven and bake 8 to 10 minutes, or until meringue is a delicate brown. Serve warm or cold. If desired, omit meringue, complete baking, unmold and serve with whipped cream. Serves 6.



Color comes to your windows

as never before when your venetian blinds are custom-made of Flexalum. Choose from fourteen fashion-right colors to fit any decorative scheme. And color is only part of the story. Venetian blinds of Flexalum are so much easier to clean. Rust-proof, chip-proof, their beauty endures for more years than you ever dreamed possible.

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Photography, Tony Venti

Gulistan Renaissance in Majolica Rose about $15.75 per sq. yd., higher in the West and South. Also in Cloud Grey, Willow, Ocean Turquoise, Fernmist Green, Maraschino, Barley Beige. Other lovely Gulistan weaves $7.75 up.



THE DECORATOR THEODORE SIMPSON



THE THEME HUDSON VALLEY CLASSICAL

"Textured carpet," maintains Ted Simpson, member of the American Institute of Decorators, "puts a room on a luxurious footing in the most distinctive way."

As in the Albany room above, *your* room will look more distinctively luxurious with the thick sculptured weave of Gulistan Renaissance carpet. More spacious, too, with one color — *your* color — flowing wall to wall. Don't forget . . . before choosing new carpet, be sure to see Gulistan! Ask your favorite store.

THE KEYNOTE

GULISTAN

CARPET

WOVEN ON POWER LOOMS IN THE U. S. A. • A. & M. KARAGHEUSIAN, INC., FIFTH AVENUE, NEW YORK

Flowering hormone found

Plant breeders are enormously excited by the possibilities in the discovery recently announced by Dr. R. H. Roberts of the University of Wisconsin of the flowering hormone which he calls florigen. It will be some little time before home gardeners can buy this as a product with which they can prod slowpokes in their garden into blossoming out gloriously, but we can hope that time will come fairly soon.

Plant Logan beans thickly

The very tenderness of the superior green snap bean, Logan, has given it a bad name on germination. Now research men have discovered that it's because field-bean combines are used in threshing the seeds, that the more tender seeds of Logan are often cracked. This results in poorer germination. So I recommend sowing Logan seeds 1 inch apart in the row. Logan's extra-fine flavor and the big crops you get from it makes this worthwhile.

The secret of 2,4-D has been cracked

Use of this chemical weed killer has spread like fire. There are few who haven't tried to rid their lawns of dandelions and plantains with it. But no one has really known, till now, how or why it killed these lawn weeds, yet left the bluegrass.

It worked—but how?

How did it kill poison ivy and greater ragweed, the great plague of hay-fever sufferers? How did it rid grain fields of large weeds without harming the grain? Why could it save California vineyards almost abandoned to the puncture vine? How could it free Louisiana cane and rice fields of choking weeds yet leave the crops?

Dr. Burdean Esther Struckmeyer, plant pathologist in the horticulture department of the University of Wisconsin, has the answer. Briefly, it's this: 2,4-D causes the normal channels of plant nutrition to be choked off. When plants are sprayed with 2,4-D, the cambium layer in the stems thickens. As the cambium thickens, the beginnings of new roots appear in it. These finally develop to a point where all of the plant's food channels are choked.

Normally, as plants grow older, they lose most of their cambium. This is why older poison ivy plants are difficult to kill when the younger ones quickly succumb to sprays of 2,4-D. Doctor Struckmeyer's discovery also explains why when you spray your lawn to kill dandelions, bluegrass is not hurt. Grasses are monocots. Monocots have no cambium, no place when they're sprayed with 2,4-D, for the roots to start. [2,4-D is short for the chemical label 2, 4-dichlorophenoxyacetic acid. Ed.]

Draintile for celery works two ways

From the Sanford, Florida, winter celery region, I have this idea applicable to home gardens. Draintile is laid 12 to 15 inches below the surface, or about 6 inches below the normal root run of celery. During extremely wet weather it serves as a drain. When the weather turns dry, the lower end is closed, and water run into tile irrigates the soil. Thus the high cost of laying the tile is divided, and I have never known a region where at some time during the year you did not need both drainage and irrigation.

Rate yourself on this Home-Owners Quiz



The right answers can mean money in your pocket

Q. How soon does insulation pay for itself?

☐ About 4 years ☐ Never, actually ☐ Depends on price

A. KIMSUL* insulation, installed throughout a new home, cuts yearly fuel bills possibly as much as 44%, and therefore pays for itself within a few years (usually about 4). KIMSUL quickly pays for itself when installed in the attic of an existing home, too, by cutting fuel bills up to 33%.

Q. How does insulation protect your health?

☐ Reduces drafts ☐ Keeps temperatures even ☐ Increases radiant warmth

A. All three answers are correct. The exclusive many-layer stitched design of KIMSUL provides *uniform* insulating efficiency. No wasted thick spots, no thin spots where heat can leak out. That's why KIMSUL makes for even temperatures throughout your whole house. KIMSUL also keeps the inside surfaces of walls, floors and ceilings warmer, thereby contributing to radiant warmth. And with KIMSUL forming a continuous layer of protection against heat loss, drafts are virtually eliminated.



Q. Why should a house be insulated at the time it's built?

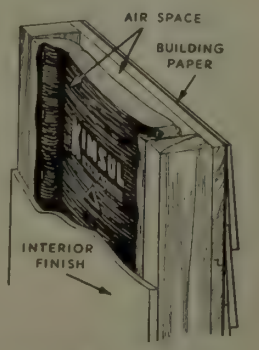
☐ To save work ☐ To assure proper installation ☐ To save money

A. You'll save ⅓ to ⅔ on cost of insulation if you insulate your house at the time it's built. And in the average 6-room house, insulation costs less than a new refrigerator—adds but a few cents to mortgage payments.

Q. How should insulation be installed in walls?

☐ With air space on both sides ☐ With air space on one side ☐ With no air space

A. Builders will tell you the most efficient way to insulate walls is with air space on both sides of the insulation. This reduces heat lag and condensation—one of the many advantages of using KIMSUL insulation. Because of its flexibility, KIMSUL is easily installed around obstructions. And KIMSUL can be used effectively for caulking around door and window frames to stop infiltration of cold air and sound.



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BHG-449

Name.....

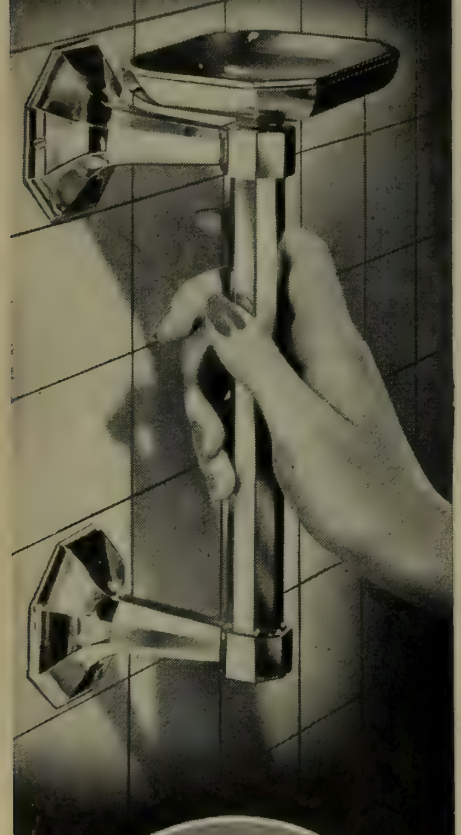
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Bring your storage space up to date



PROBLEM Built-in buffet and the three oddly shaped windows around it used up one wall of this tiny breakfast room. Because of fancy trim and bad design, the buffet itself gave little china and linen storage for the room it took. The windows were hard to curtain

By Dorothy Killam

Stumped by a built-in buffet? If yours is old-fashioned or too small to hold all your china, your best bet may be to take it out. You'll find it's hard to modernize the old buffet, and hard to bring the room up to date while the buffet still dominates the room.

Here's a built-in buffet that didn't do its job. So the Dean Gilmores of Long Beach, California, took it out. They put a new Dutch door in the spot where the buffet had been—and fitted recessed china shelves into the space where there had been windows.

Mr. Gilmore took saw and paint to the dining set; Mrs. Gilmore stitched curtains. See how well it all turned out.

Photographs: George de Gennaro



SOLUTION Ripping out the buffet—and replacing it with a Dutch door—reclaimed six inches of needed floor space. China shelves fill window spaces at either side. Cupboards below shelves store more than the old buffet ever did

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I hated housework till . . .



I developed a two-track mind. While I was doing dishes, I'd give a speech. To the soapy tumblers I'd say, "Today I'll give my opinion on city planning." Scouring the frying pan I'd finish, "And that, ladies and gentlemen, is why I think we need city planning." You'd be surprised how this practice helps when I'm called on at club to give a talk. I found if you learn to talk coherently in spite of the distraction of the job the distraction of an audience is easier.

Actually you need only the basement of your brain to do routine tasks. Why not put the main floor of your brain to work on something to profit you?

Try thumbtacking over your sink a map of Europe, the United States, or China. As you pare potatoes, study the map. As you scour the sink, imagine yourself drawing the map. One day you'll hear the compliment "She's up on things."—*Verona Backus, Burton, Washington.*



I started planning my days. Life doesn't get too complicated if it's organized. The night before, I chart the following day's activities in as much detail as possible, planning the meals, the housework, any family activities. I've encouraged my children and husband to lay out their clothes for the next day the night before, so there won't be such a morning scramble.

Even leisure time can benefit from planning. We schedule family outings and trips ahead of time. Anticipation is half the fun anyway. I've come to the conclusion that a happy home is no haphazard affair. It's the result of planning.—*Mrs. Thomas L. Croft, St. Louis.*

...gins on page 31

I streamlined with short cuts. I dispensed with washing and ironing tablecloths and napkins except for special company. Instead I used plastic cloths or place mats and paper napkins. I cut ironing of clothes in half by purchasing only seersuckers and corduroys for the children, by using sheets and dish towels unironed. I kept table tops well waxed so they'd resist scratching and spotting, and I used handy coasters under glasses to prevent moisture rings.

I put easily removable, washable slipcovers on upholstered furniture. I bought all the laborsaving equipment I could afford. Thus I began to look upon my role of housewife as a job I enjoyed doing both quickly and well.—*Mrs. John S. Swift, Winchester, Massachusetts.*



I went on strike! One afternoon I dropped everything and took a walk. I ran into some friends; we had a soda together and dropped in on another friend who had just had a baby. It was a perfectly frivolous two hours, but it did me a world of good. So I decided to go on strike for two hours on Tuesday and Thursday. I told my neighbor, Grace, about my intention and she decided to follow suit. We agreed on 2 to 4 as our strike hours, so we do lots of things together.

Others in our block soon started striking, too. The young mother on the corner takes 10 to 11 while little Jerry is napping. While she can't leave the house, she *can* get away from her housework. She naps, reads, fixes her nails, trys a new hairdo, anything she *wants* to do during that precious recess.

We strikers are convinced the time we take out each day doesn't make our housework suffer. We work faster and better while looking forward to our time off, and we return to our work refreshed and enthusiastic.—*Rowena Devine Boylan, North Hollywood, California.*

I adopted an odd-job hour. I've doubled up on as many jobs as possible; for instance, while the clothes are in the washing machine, I clean the basement shelves, or while a cake is in the oven, I wash the dishes. I've tried short cuts to speed up my work; I've canceled out unnecessary jobs like ironing the sheets.

I've shifted some tasks to the rest of the family; for instance, each one makes his own bed now. The minutes saved make it possible for me to take an hour each morning for odd jobs. During that hour I take an inventory of my canned goods, straighten the linen closet, check the family wardrobe for needed replenishments, polish the light fixtures, weed the garden, catch up on extra mending, or do any odd job I'd otherwise put off until tomorrow.—*Florence J. Johnson, Banning, California.*

More on next page



How to get everything ready at once... *without rushing!*



Sunday-size dinners are easy with an ESTATE . . . the range that does everything at once

Imagine . . . having rolls done at the same "come-to-dinner" moment as your roast. Pies and casseroles, too. And top-of-the-range vegetables, sauces, coffee. It's easy with the new Estate. For your big Air-Flow Oven is free for *baking* . . . while a whole ham or roast is broiling in the Bar-B-Kewer (separate meat oven!). Your Hide-Away Grid-All is perfect for those extra touches—pancakes, grilled fruit or onion slices—or it will heat two *extra* pans. Sounds wonderful for company-coming meals? It *is*. And so are the compliments you'll get. You'll *see!*

Discover, at your nearest dealer's, these Estate features that make life easier *every day*: Time-Estate Automatic Timer for "Afternoon-Off" cooking; ThermEstate Oven Heat Control; light in oven; oven door window; Fiberglas Insulation; easy-to-clean one-piece top; new Pyromatic "Triple-Click" burners.

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I hated housework till . . .

Continued from preceding page

I used the one-a-day plan to get all my extra household chores done. For instance, I put clean paper on the top kitchen cabinet shelf when I'm washing and putting away dishes on Monday. On Tuesday I do another shelf. It takes only 5 minutes a day, and I never have a time-consuming general cupboard cleaning to do.

I apply the same method to washing curtains and blankets. One blanket at a time or one set of curtains at a time add very little to my usual washing. Now that the extras don't pile up and make me feel swamped, I don't mind housework any more.—*Marjorie R. Longwell, Sherman Oaks, California.*

I changed my standard of living. I reappraised my sense of values and discarded those time-consuming activities without meaning or worth. That gave me more time for important enjoyable things. Ruthlessly I examined my clubs and withdrew from those I had been attending merely through force of habit. I limited our entertaining to that I *wanted* to do, and kept it casual. I cut out unnecessary jobs.—*Alavan Allen, Portland, Oregon.*

I learned to keep home not keep house. Aviators have a name for it. "You don't fly it, you strap it on and wear it," they affectionately remark about a ship they like to fly. A house simply cannot pass itself off as a home until it is lived-in.

If you keep your house clean so you and your family will enjoy living in it, you are making a home. But if a book casually put down in the middle of an interesting chapter or two chairs pulled comfortably together for a chat throw you in a tizzy of picking up, then you are keeping house. That's the lesson I learned. I no longer let the house wear me out. Instead, the family "wears" the house.—*T. M. Rippey, Norwood, Ohio.*



I adopted a flexible schedule designed especially by me for me. I had tried Monday, washday; Tuesday, ironing; Wednesday, mending. But I found this system as outmoded for my needs as Grandma's steel-ribbed corset. Often the Sunday papers were still scattered on Monday morning, or Sunday entertaining had left the house in a turmoil. The week's meals needed planning. I tried washing on Tuesday instead of Monday. That suited me better.

I applied the same suit-myself approach to ironing. If I sit on a comfortable stool, I've found I actually enjoy doing a small batch of ironing during the evening when the radio is going and my husband is at hand to chat with.

By adapting each job to my own needs and preferences, I really like keeping house now.—*Jean Reiman, Downers Grove, Illinois.*

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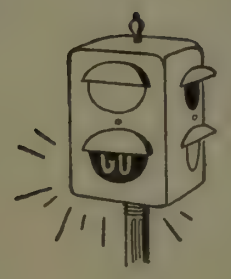
—truly does all these things:



Actually adds whiteness to clothes—Because of its new light-reflecting ingredient Luminess, the New La France makes white clothes whiter than new. You can see the difference!



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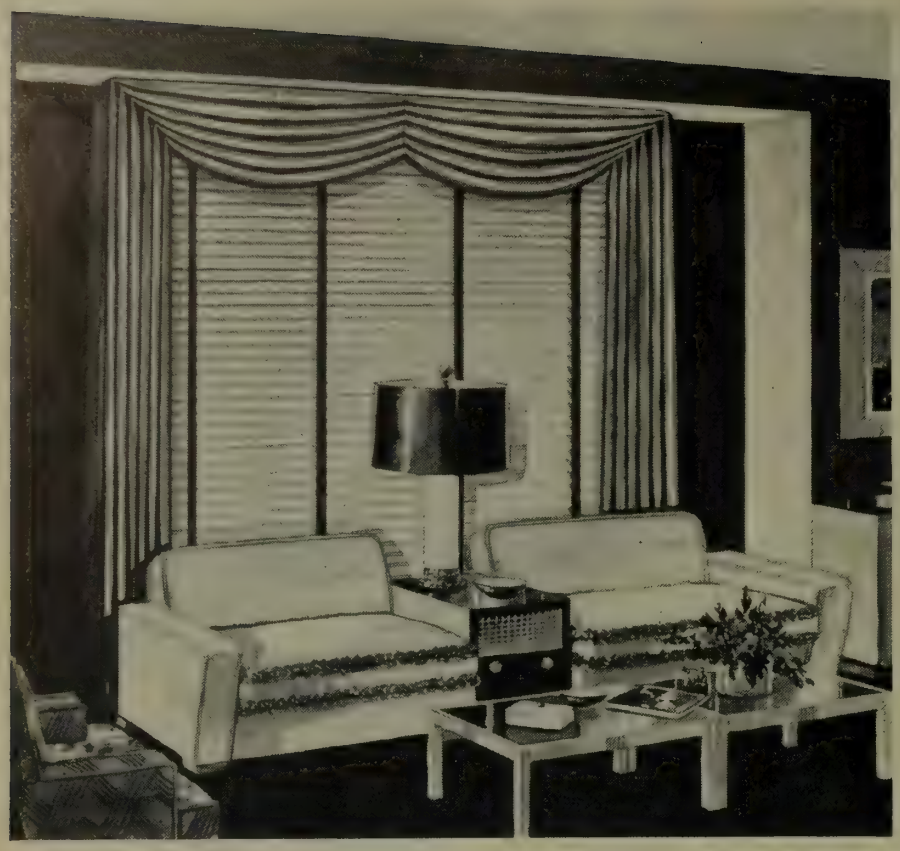


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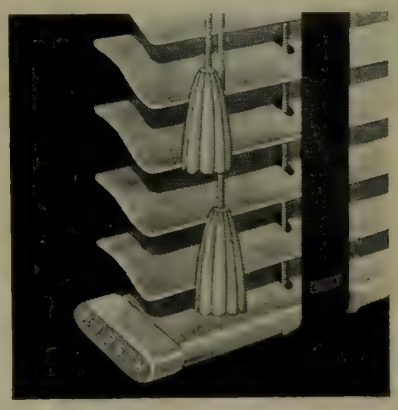
Too much work to make a beautiful window treatment like this all by yourself? Not at all!

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In the picture above, a graceful swag valance with side draperies, using only *one length* of material, sets off a stunning Kirsch *Sunaire* Venetian blind. Three Kirsch Valance Pleaters are used. The windows in any room are equally easy to treat with draperies hung on other Kirsch Drapery Hardware, especially with Kirsch Traverse (draw-cord) Rods.

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Kirsch

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Start right with Kirsch Drapery Hardware



Send for booklet, *Smart Window Styling*, with 85 window ideas. Enclose 25c, coin or stamps. Kirsch Co., 280 Prospect St., Sturgis, Mich.

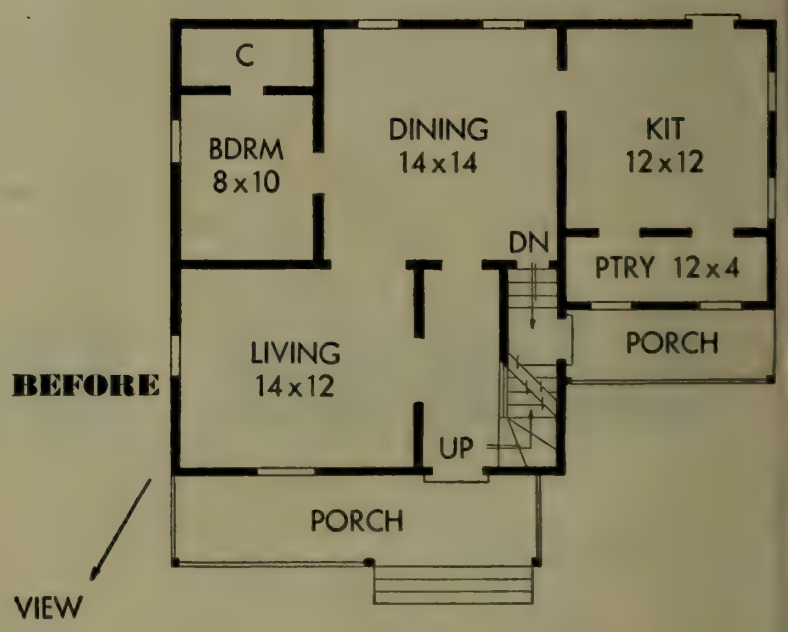
How good an amateur architect are you?

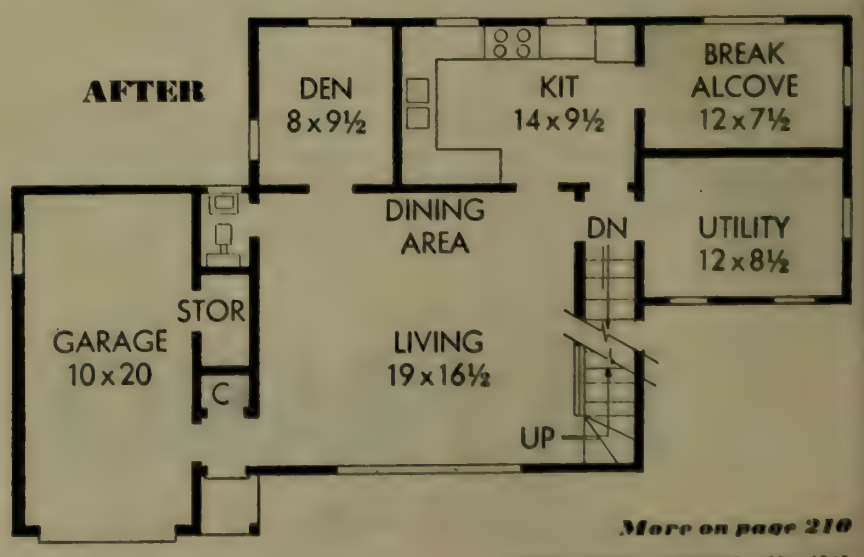
You're pretty good, you amateur architects. From the number of errors you've found in plans the past months, you've proved yourselves adept at *planning* houses. But how good are you at remodeling?

Planning remodelings is difficult, because you are limited by the lines of an existing house. But someday you may have to remodel your own home.

We hope you'll do a better job than the man who planned this one. He wanted a larger living room with small dining space, a den, a laundry room, an easy-to-use kitchen, a half-bath, a basement stairway that would get him outdoors without having to go through any room, and an attached garage. He set no cost limit, though he didn't want to be extravagant.

Below is the plan he started with, and his final result. See if you can find his errors—there are a butcher's dozen. Answers and a better solution for this remodeling appear on page 210.





More on page 210



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PRESS for sewing

By Isabel McGovern

Stitch and then press is a good rule for professional-looking dresses, suits, draperies, and slipcovers which you make at home. Your fabric may be beautiful, your pattern just right, and your seams neatly finished. But unless you press carefully from start to finish, the results may be disappointing. Sewing is made easier, too, if you press as you go.

What you'll need

Home sewing doesn't require many accessories. But a few shorten pressing time, make the job easier. All of them can be improvised at home. On this page and the next are pictures of the most necessary equipment. In addition, you may want the pressing aids listed here:

Tailor's cushion. This is useful for pressing curved seams, shoulders, tops of sleeves. To make one, sew together two 9- by 12-inch oval pieces of heavy muslin from which sizing has been removed by rinsing. Leave a small opening. Turn, stuff tightly with kapok or cotton, and stitch the opening. A terry-cloth towel rolled into a firm ball makes a fairly satisfactory substitute for the cushion.

Triangular-shaped pad. This is helpful for short darts and can be made like the tailor's cushion from two triangles of material—each side of triangle about 9 inches long.

Tailor's pounding board and wood block. A heavy whisk broom, used on the flat side, substitutes for pounding board; ironing board for wooden block. First, the fabric is steamed until damp. Then, with the material flat on the ironing board, beat along seams, collars, or lapels with a whisk broom to flatten them. This method prevents a shine. It also helps to dry out fabric by forcing steam out of material. Pounding board and block are used only for tailoring.

Hangers. Have a good supply of hangers on hand to keep the pressed section free from wrinkles and out of the way.

More on page 182



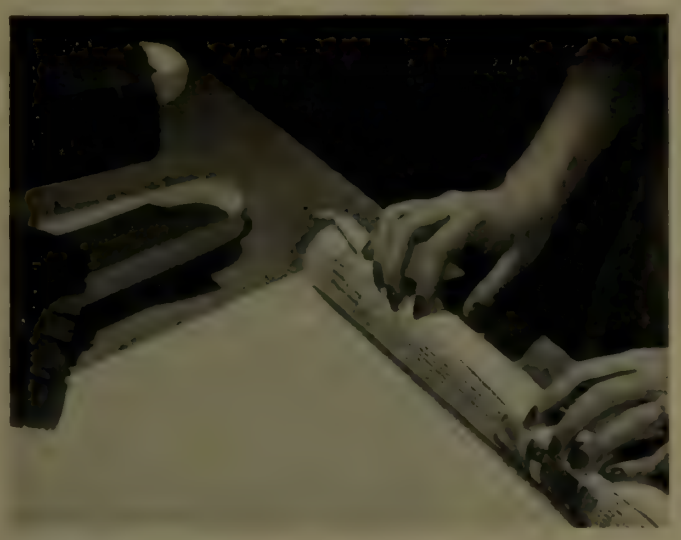
Iron and ironing board. Your iron may be either dry or steam, but it should have a reliable heat control. Be sure that the ironing board is well-padded so that pressing won't make any shiny seam marks on the right side of material being pressed

perfection

Your sewing can look professional if you press carefully and often. Here is the simple equipment you will need and how to use it



Sleeve board is handy for sleeves, pressing seams open, and hard-to-get-at places. Keep it near the sewing machine, use it in place of large ironing board. It, too, should be well padded. (A piece of an old wool blanket makes good padding)



Seam board. A makeshift "sleeve board" can be made: Roll a newspaper into a tight bundle, cover it with a smooth towel or cloth, and fasten it securely. A rolling pin cut in half lengthwise, padded and covered, makes a sturdy seam board



Press cloth. Make a press cloth from muslin or a smooth cotton fabric from which sizing is removed. Or buy handy commercial products such as parchment paper (shown above) or chemically treated cloths—these eliminate any shine or lint



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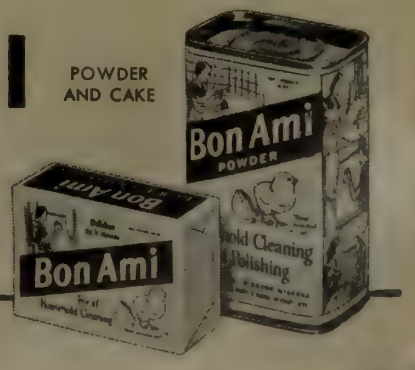
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BON AMI POWDER AND CAKE

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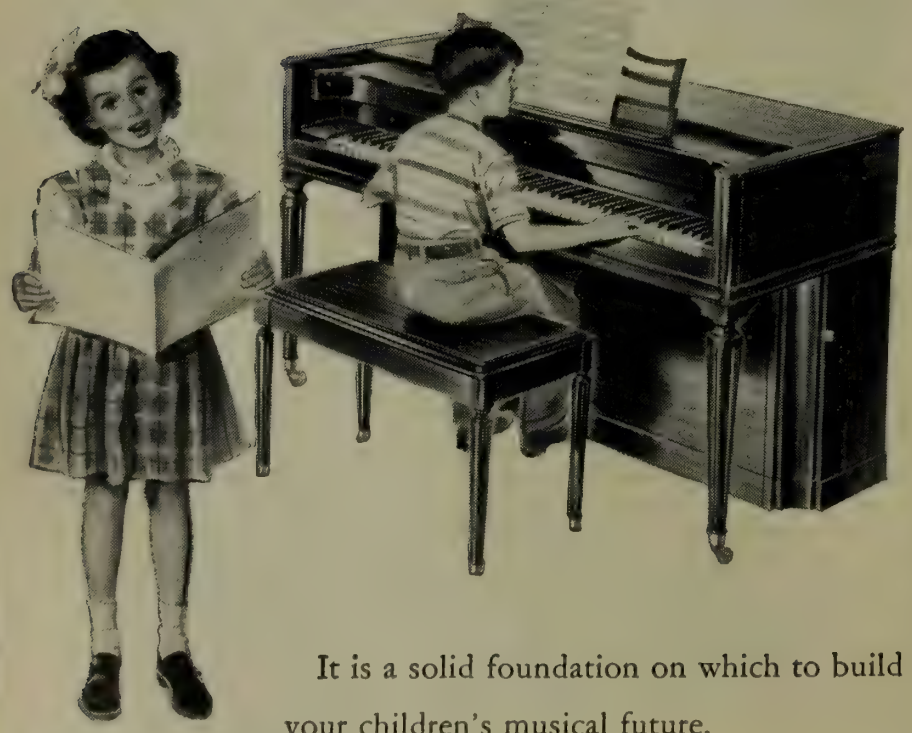


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THE EXQUISITE Acrosonic BY BALDWIN

PRESS for sewing perfection

Begins on page 186

How to press properly

Check the fabric to be certain it is free of wrinkles before laying out the pattern. If not, press the material.

Experiment with a fabric scrap to determine the exact amount of dampness, the correct heat, and the need for a press cloth. Most rayons, nylons, and silks need only a small amount of moisture. Wools, cottons, and linens require more. A low heat is best on acetate rayons and nylons. More heat is necessary on other rayons and silks, lightweight cottons, wools, and heavy cottons. Some fabrics, especially wools, need a press cloth for "shine" protection. In general, you'll need a press cloth or sponge if you use a dry iron. Usually a steam iron doesn't require any press cloth.

Set iron down squarely on the unpressed area, press it lightly, lift it up, set it down again on another spot. Do not slide the iron back and forth as in ironing.

Press with the "grain" or "weave" of the fabric to avoid pulling it out of shape. Press lightly over basting threads or pins—and press again after they are removed.

Lift the press cloth from the fabric occasionally so that the steam can escape.

Press on the wrong side except for right-side details, such as pleats, and the final pressing. When you press on the right side, do it lightly and stop before the fabric is completely dry. Brush the nap after pressing to avoid a shine.



Seams. Most seams are pressed open in direction of stitching. It's wise to press seams every time you join two sections



Use vegetable brush (as shown in picture), sponge, a piece of lintless muslin to dampen press cloth (chemicall y treated cloth shown above). With a steam iron use a doubled piece of cheesecloth (do not dampen it) on right side of the material

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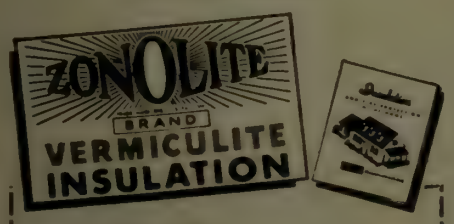
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What's the home-financing picture today?

Continued from page 124

any bargain houses. And only a few offer hope that these prices will decline in any future they can currently appraise. Costs may be frozen by the government—that is a possibility. But that costs will drop substantially in the foreseeable future seems improbable.

Against this background, where is the best place for you to get home-building or home-buying money? There is no categorical answer to that: Your loan source will depend on your individual circumstances and your individual community. Your job is to find out where, in your city, you can get the best over-all mortgage contract.

Lenders agree that the average family too often is willing to tie up too great a share of its income in mortgage payments. Most of them also agree that if more than 20 percent of the monthly income is devoted to this purpose, the risk is too great. You should give yourself a safety factor in your loan.

The best mortgage plan for you should give you a debt-free home in the shortest possible period of time. Your monthly payments should be convenient, like rent. And the payments should not impose too great a strain on your current income.

From your standpoint, a mortgage should be flexible, easy to repay, and low in cost. Try to set up your program so you can readjust payments in case your income is curtailed. The loan agreement should provide that your interest load will decrease with each payment you make. It should let you pay off your debt in full at any time, without penalty.

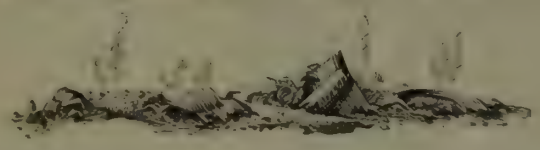
When you go to an agency for a loan, take with you cost figures of the property you want to buy, and a photograph of it, or plans and specifications, if you plan to build. If the house is already built, have available as much information as possible on the type of construction, condition of roof, type of basement, make of heating equipment, neighborhood, nearness to schools and transportation, taxes, building code, and a description of the lot. These will be checked by the lender, but having the information with you at your first interview will speed negotiations.

Give the lender full information about yourself, your credit rating, earnings, references. If your new car isn't paid for, tell him so. The fact that you have kept your payments up to date may impress him more than if you told him you paid cash for it. If you're in business for yourself, have with you figures to show the financial condition and operations of your firm. (Income-tax records usually are satisfactory.)

Select the firm you borrow from just as carefully as it selects you as a borrower—you'll be doing business together for many years.



This chair is worth $124.50



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A 12 by 12 room does four jobs

It's a { bedroom / dressing room / writing room / sunroom } all in one

By Lou Richardson

HERE'S a room 12 feet by 12 feet that gives a four-star performance. It's in the home of Mr. and Mrs. Henry L. McIntyre, Palo Alto, California.

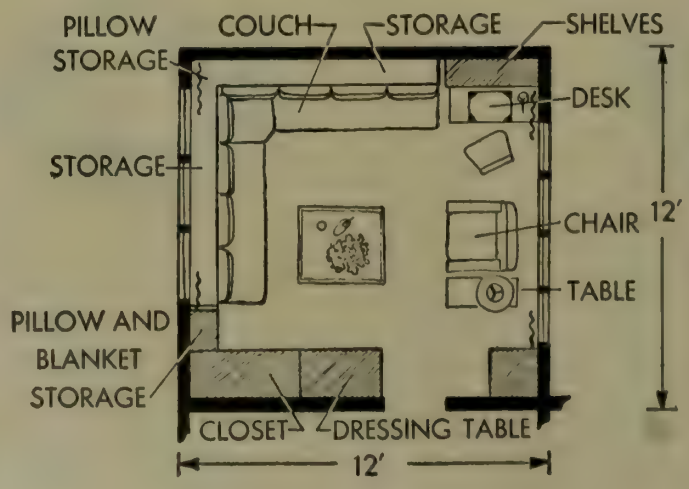
Mrs. McIntyre wanted a bedroom that would not look like a bedroom. She wanted a dressing room that would be easy to keep in order. She wanted a sunroom that would be a pleasant place in which to read or write.

Architect Leslie I. Nichols put all the things Mrs. McIntyre wanted into the one room shown here. Couch beds slide back under a cove to serve as seating furniture during the day; pull out for sleeping. Cabinet doors open out or slide sideways or drop down to expose dressing table, wardrobe, and writing desk. And as a sunroom, this is a fine example of all the living you can get out of one room.

Photographs: Sturtevant



Sunroom. Window walls let in the sun, make the room inviting for daytime activities. Behind the two couches is a cabinet arrangement that serves as a ledge under the windows, makes a back rest for the couch cushions, and forms the cove under which couches can be rolled back to provide sofa-width seats





Bedroom. Couches roll out to make beds. Note that corner arrangement. Doors of cabinet swing out and lock at corner to make a square box in which to pile cushions and slipcovers. To supplement indirect lighting, the bed light (which is hidden in cabinet by day) is clipped to ledge of cabinet at night

More on page 186

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enjoyment instead of only single-
usefulness!

HEYWOOD-WAKEFIELD
EST. 1826

bright choice
for
year 'round use





Four-purpose room

Begins on page 184



Writing room. A drop-front desk and plenty of light from large window makes this a pleasant place to read or write. The pulls on doors and drawers are of bamboo and match the bamboo chair and table



Dressing room. This wall makes the dressing room. Doors of large cupboard at left open to expose mirror and dressing table. There is a ceiling light over dressing table. Cupboard at right of wardrobe holds pillows and blankets. Room opens into hall through door at extreme left of photograph; hall leads to bathroom at right, and living room beyond

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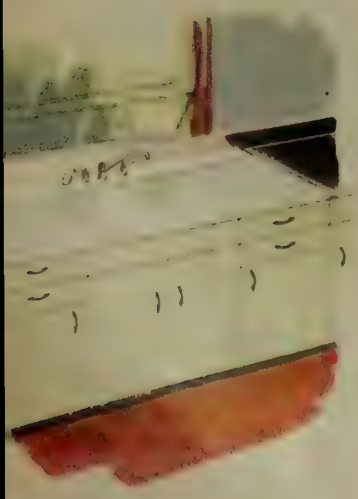
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More Beautiful America competition winners

Begins on page 58

Cities over 100,000 population

2nd place,	Oakland Business Men's Garden Club.....$500 Oakland, California	
3rd place,	Birmingham Federation of Garden Clubs....$200 Birmingham, Alabama	
4th place,	Akron Women's City Club Akron, Ohio	Better Homes & Gardens Achievement Plaque
5th place,	Mystic Order of the Rose Women's Advertising Club Portland, Oregon	

Cities of 10,000 to 100,000

2nd place,	Amarillo Garden Club.....$500 Amarillo, Texas	
3rd place,	Spring House Garden Club.....$200 La Mesa, California	
4th place,	Methodist Teen-Agers Kalamazoo, Michigan	Better Homes & Gardens Achievement Plaque
5th place,	Gardenia Garden Club Gadsden, Alabama	
Honorable mention,	Perry County Garden Club Hazard, Kentucky	Better Homes & Gardens Certificate
	Chamber of Commerce Portsmouth, Ohio	
	Garden Club of Miami, Oklahoma	

Communities under 10,000

2nd place,	Claremont City Park Commission.....$500 Claremont, California	
3rd place,	Ferriday Garden Club.....$200 Ferriday, Louisiana	
4th place,	Monticola Women's Club Susanville, California	Better Homes & Gardens Achievement Plaque
5th place,	Red River Baptist Church Red River, South Carolina	
Honorable mention,	Garland Chapter Order of the Eastern Star Smithville, Missouri	Better Homes & Gardens Certificate
	Vernal Garden Club Vernal, Utah	
	Dahlia Garden Club Cement, Oklahoma	
	Ormond War Memorial Garden Ormond Beach, Florida	

Industrial class

1st place,	Gale & Company St. Louis, Missouri	Better Homes & Gardens Achievement Plaque
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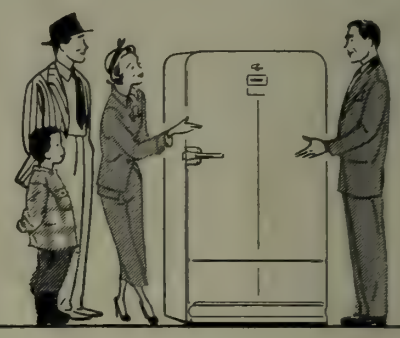
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Here's a hidden beauty—the Meter-Miser, key to the long, carefree life of your refrigerator. It's stingy with current!



Pop out two cubes or a dozen trigger-quick from Frigidaire's Quickube Trays. Cubes freeze fast, too!

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Bowls you'll need for flower arranging

By Fae Huttenlocher

You'll feel a lot more expert about flower arranging and find it much easier if you have the right kind of bowl and holder. Here are basic containers and holders you'll use through a whole year of flowers.

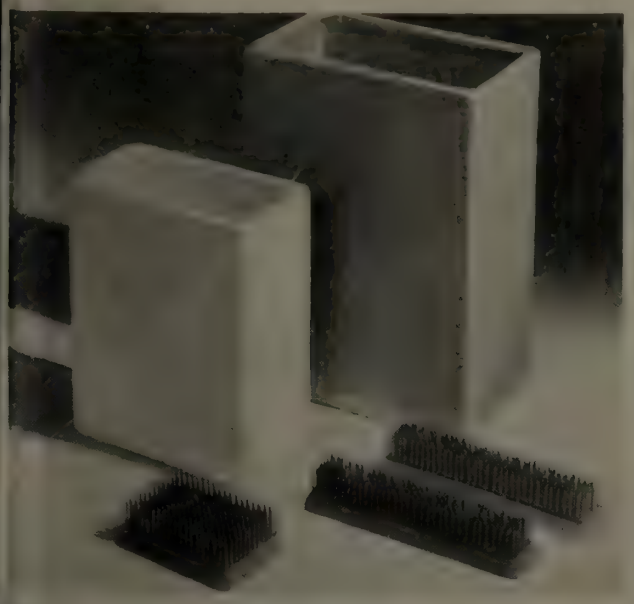


Round bowl is the type you'll want to use on a round dining or occasional table. It's 7½ inches in diameter. Add a pair of figurines, one on each side, or use just one figurine. If you use the one figurine, place it in front where needlepoint holder is in photograph



Rectangular bowl is useful for all types of flowers, all types of arrangements. Two sizes are shown—6 by 10 inches and 8 by 13 inches. You'll use the larger one for such heavy-headed flowers as peonies, iris, zinnias. The 4-inch needlepoint holder shown has a lead base and copper needles. It's heavy enough to hold tall flowers or branches without toppling. If you use only a few flowers or branches, you can conceal the needles with some pebbles or foliage

Where to get it, page 299



Pillow-shaped vase is one of the smartest and most usable flower containers. Use it on narrow fireplace ledges, bookcases, window sills, consoles, and small dining tables. Big vase is 8 inches high, smaller one is 6 inches high. You can make handsome arrangements with flowers, greens, or berries. The narrow, rectangular needlepoint holders are designed especially to fit this shape vase



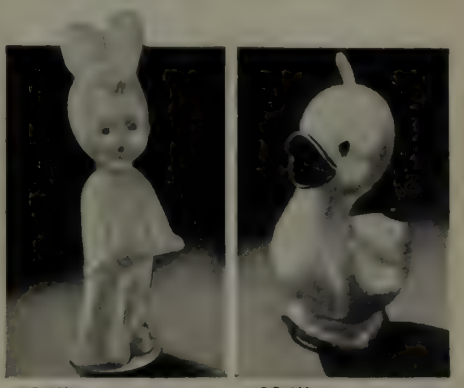
Tall vase is ideal for long-stemmed, heavy-headed flowers such as peonies, carnations, and hothouse roses. Its narrow opening holds three to five flowers, as attractively as it does a dozen. Plastic foam (lower left), from the florist, can be cut to fit snugly about half way down neck of vase. Push flower stems through this plastic foam holder and under water—in angle you wish them to stay

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You'll love the way Tavern's whimsical little candle folk add colorful festivity to centerpiece and mantel decorations!

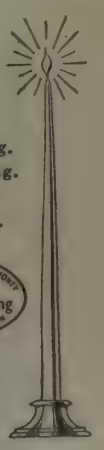


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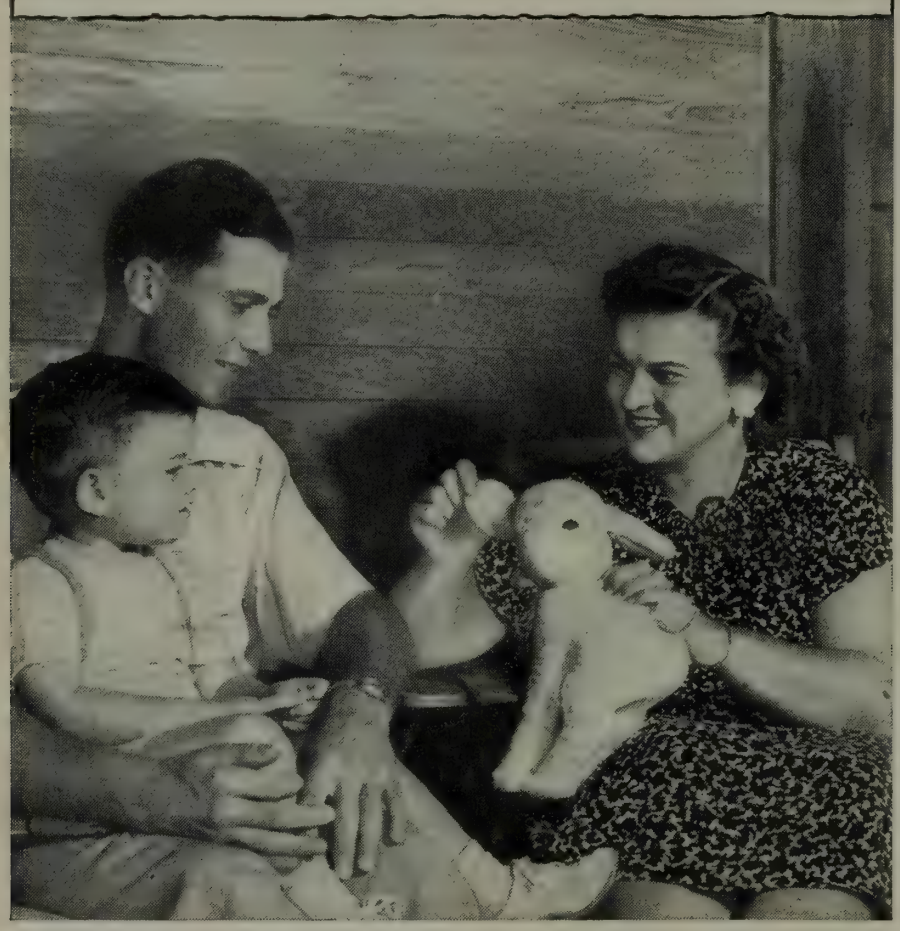
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By the Makers of Paraseal Wax

"Satina makes my starched clothes 3 times easier to iron!"

WRITES MRS. JOHN J. JANDINSKI, JR., NORTHAMPTON, MASS.



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It not only makes ironing lots easier, it makes clothes *smell fresher, look newer,* and stay *clean longer,* too!

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WE'RE SO SURE *you'll* love Satina, if we can just get you to try it once, that we're offering you a *free* full-size package. Enough for 4 big starchings. Just try it and judge Satina for *yourself!*

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STREET_____

CITY_____ STATE_____

Satina users say: "Put SATINA in your starch! It makes starched ironing 3 times easier!"

ARE YOU *training*

By Marjorie Holmes

In the small town where I grew up, a lumber compa issued a series of calendars called "Courtship and the Joys Marriage." One of the courtship sequence showed a you couple seated at safely distant ends of a canoe. The you man, in white flannels, gazed dreamily toward the you lady, in white organdy, who was trailing her fingers throu the water. Throughout the year we watched this same han some couple exchanging a chaste kiss beneath a weddi bell of roses, being gondolaed through Venetian canals (t honeymoon), clasping hands as they gazed into the fi (baby coming), and ultimately romping with their cheru through a storybook cottage.

Despite the realities all about us, a lot of us had just su concepts of marriage. Girls were reared as potential *hou keepers*, but seldom as potential *wives*. Their mothers du fully taught them to cook, sew, and keep house. Some dari parents blushingly admitted that marriage included a sec known as sex. The rest was left to instinct and imaginatic

Today we have high school and college courses in th most important aspect of human life. We have magazir and books. Which is, of course, to be heartily applauded except for one unfortunate result. All this has made it ju that much easier for mothers and dads to skin out of th natural job—training daughters to be wives.

Recently, when informed that a family-life course was be introduced into her daughter's school curriculum, heard a woman remark, "Thank heaven. Fred and I ha been thinking one of us should talk to Evelyn. Now we wo have to bother."

Another couple justify the fact that their teen-ager has household duties with, "She's really more trouble than sh worth when it comes to helping, and after all she'll lea she's taking home economics."

Now anyone, man or woman, who's ever wrestled with house knows that you can't learn the many aspects there at school in two hours a week. Homemaking has to be pr ticed regularly in that native workshop, the home. That if a girl is ever expected to become good at it.

And any parents who search their conscience must real that the facts of life are fundamentally their department however excellent the teaching of strangers. If we h failed earlier, the *least* we can do later is to show interest what our child is getting. We should be ready and able interpret this teaching in the light of our own experien

Finally, the mother and father who really want th daughter one day to become a good and happy wife, v give some conscious attention to training her in the ba psychology of marriage—just learning to live in harm with another individual. Every year that your daughte growing up at home offers opportunities for you to help h First, of course, through example. Second, through c structive suggestions. And it's never too early to begin.

What then are you doing to prepare her for marriage? you thinking in terms of tomorrow, and training her tod

YOUR DAUGHTER TO BE A *wife?*

Let's discuss the three phases of marriage—practical, psychological, and physical, and see what can be done.

Practical

Most little girls love to "keep house," to play at dusting and doing dishes. Lots of them are helping with simple household tasks at 7, 5, even 3. But not so many are still helping at 12 and 14! For what was at first fun for Betty is now a chore; and the first pleased anticipation of the help Betty's going to be, has given way to a weary realization that it's easier to do it yourself than keep after Betty.

But for Betty's own welfare (plus that of the man she marries) you ought to be firm. And you ought to lay it straight on the line: "Look, in not too many years you'll be running a home of your own. Helping now is the surest way to learn." You can also use this argument: "Keeping a neat house is just as important as keeping a neat figure, when it comes to holding a man's love and respect." Girls like to be appealed to on adult emotional level. It's more effective than nagging.

Nor is there much need for nagging if you make a girl's jobs pleasant for her. Do you listen to her suggestions about arranging furniture and hanging curtains? If she fancies a different floor wax or soap powder from the one you are using, do you let her try it? Do you continually hang over her advising, "No, do it this way"—or do you give her a free hand? Do you praise her efforts at cooking, and refrain from scolding when she scorches the pudding?

It takes a heap of *self*-discipline in training a daughter to be a wife. It takes a heap of tact! But nobody *said* it was easy.

Naturally no daughter should be a drudge. Whatever your motives or however fine your methods, you will only make her hate housework forever if you impose undue burdens, or demand that she sacrifice her rightful fun. But with common sense, with a sincere desire to equip her for the work she'll probably spend most of her life doing, you can be both a good parent and a good teacher.

The *arithmetic* of marriage is definitely important to its success. Now I often wonder how Mr. Right of the calendar courtship paid for the vine-covered cottage. Maybe he worked for the lumber company and brought his pay envelope home every Saturday night. In fairness to my generation there should have been at least one picture showing our hero and heroine frowning, if ever so slightly, over a pile of bills.

It's an omission no parents should overlook in training our children for marriage. Successful homes are built upon love—and a sound bank account. Not riches, necessarily, but security, or at least good prospects. Personally, we want our daughter to choose her future mate for what he is, rather than what he has—but also want her to understand that it's *not* easy to be poor when you're young and in love. That in many ways it's harder than [*Turn to page 217*

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Get a Rustproof

Ruud Gas



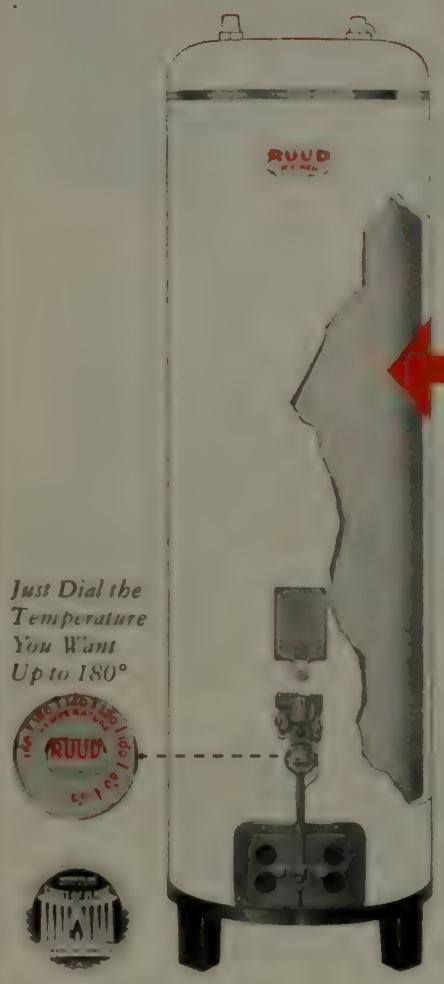
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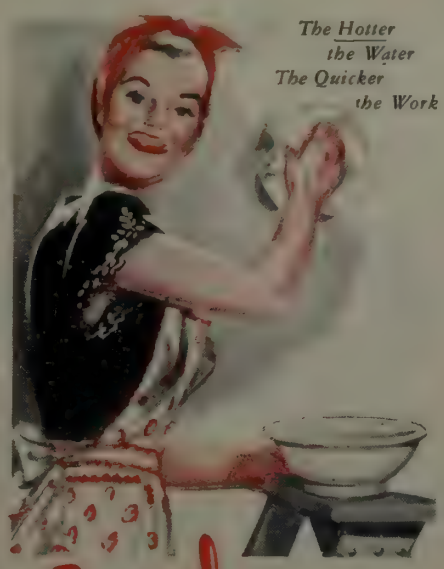
And with a Ruud-Monel you *dial* the exact temperature you want . . . all the way up to 180°. Ruud's solid Monel tank will take it! That means *HOTTER* hot water. And the *Hotter* the Water . . . the *Whiter* the Wash . . . the *Cleaner* the Dishes . . . the *Quicker* the Cleaning . . . the *Healthier* the Home!

Ruud is *FASTER* too! It uses Gas, the fast-heating fuel!

And Ruud-Monel means *CHEAPER** hot water! Read why. See Ruud-Monel at your Gas Company, Plumber or Dealer. Write for folder!

*** Get Hotter Water CHEAPER!**

Ruud's "Thrift Design" saves you money! So does Gas, the economy fuel! So does the long-lasting, trouble-free Monel tank! Put them all together and you get water heater economy that continues through the years!

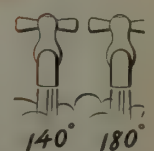


The Hotter the Water The Quicker the Work

Ruud

Manufacturing Company
Pittsburgh 1, Pa.

Get Hot Water HOTTER!



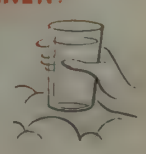
Just *dial* the exact temperature you want on the Temperature Dial... as high as 180° for pasteurizing baby clothes and dishes. Then dilute this hotter water with cold as you need it. Increases supply! Cuts cost!

Get Hotter Water FASTER!



No waiting! Ruud heats with Gas . . . and Gas heats *fast!* Ruud is built for all types of Gas, including LP-gas. Its high-speed, high-efficiency design replaces hot water faster!

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Problem children are passe

By Milton and Mildred Lehman

If you're saying, "I just don't know what to do with Johnny!" you'll find help here in the advice of Dr. Daniel A. Prescott, who refuses to believe that kids are naturally mean and uncooperative. Because of his crusade, your boy or girl has a better chance of being understood at school and, if you'll read this, at home

In the old days, you would have called John a problem child. When John was in the seventh grade, he suddenly changed personalities as completely and as mysteriously as Doctor Jekyll. Formerly generous and good-natured, he began to bully the smaller kids. At home and at school, he flew into rages when he was crossed.

In the old days, and in some schools today, John's teacher would have demanded obedience, kept John after school, sent a note to his parents, and sent John to the principal.

All this would have done no good. The teacher would have hated herself and her job. John's father and mother would have been bewildered and discouraged. They probably would have gotten mad at the school, the teacher, John, and each other. John would have kept on getting worse, more of a problem every day.

Today, however, if John is fortunate enough to live in Maryland, or go to certain up-to-date schools in any one of 16 other states, his experience will be different.

To know why, let's change the scene to a wintery afternoon several years ago. We're in a small mill town in South Carolina sitting in with two dozen schoolteachers on a meeting. Dr. Daniel A. Prescott, a child psychologist from the University of Chicago, is talking about children and how to handle them.

When he finishes, he asks for questions. One aroused schoolmarm raises her hand. "Doctor Prescott," she asks, "we've all read books about children and we've listened to a lot of lectures. But when we try to use such

Photograph: Marion Pease



Understanding isn't easy, but it pays off when you try. In one Maryland county where teachers studied the worst kids in their rooms, visits to the principal fell 40 percent and everyone is happier

theories, we never get anywhere. Don't you think we'd learn more by studying actual children in our own classroom?"

That simple question stopped the Doctor. The schoolmarm had something. Why hadn't he seen it that way before? Before the meeting was over, he had thought out a way to combine modern psychology with the teachers' observations of real children. The group in South Carolina adopted his program. They're still following it.

Since then, Doctor Prescott has been showing teachers and parents all over America his plan and how it works.

Wherever he goes, he's sure to hear a parent or a teacher say: "I don't know what to do with Johnny any more."

In the face of this despair, he has launched a revolutionary program in the public schools, a program of *understanding*.

Today the Prescott Plan—officially known as the Institute for Child Study—is giving teachers and parents a new insight into the behavior of children.

The plan itself is deceptively simple. Twice a month the teachers meet in small groups to discuss actual children they have in their own classes. Each teacher has already selected one child to study, preferably one who is almost too much for her. In these [*Turn to next page*

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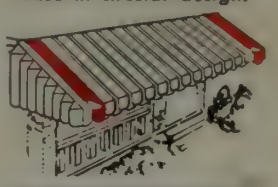
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Problem children are passe

Begins on page 194

closed sessions, the teachers compare notes. If they can't work out a problem by group discussion, they call in an expert.

But if it's that easy, you ask, why don't all schools do it? The point is that it's *not* easy. The program is really a three-year course of study guided by Prescott. Doctor Prescott makes no elaborate claims for his plan. "It's neither newfangled nor a cure-all," he says. What it does show teachers for the first time is how to apply in their classrooms the knowledge that science has uncovered about children's behavior.

Does it work?

Well, for three years the teachers of Montgomery County, Maryland, have been trying the Prescott Plan. In that time, according to Mrs. Grace Johnson Allnut, county supervisor, 40 percent fewer children have taken that desperate trip to the principal's office.

Prescott, himself, looks at it this way. "There's no more room for the dictator teacher—or for that matter, a dictator parent. Too much discipline and too little understanding have brought us to a blind alley. Youngsters say they hate school, that their teachers are often mean, bossy, sharp-tempered. And teachers complain that the younger generation is restless, undisciplined, and lazy. Understanding, he concludes, is one way out—for the key to the child is always the understanding adult."

Teachers, under the Prescott Plan, learn about the changes that take place in growing children *from the youngsters*, not from books. Recently, in a Pennsylvania schoolhouse, the teachers were discussing the problem of growing up. "As grownups, we sometimes forget what it means to grow up," one of them declared. "Often the behavior that bothers us most is merely a sign of good health."

"And now we see," the discussion leader was saying, "that all children face enormous tasks in growing up. They must learn to talk, dress, get along in groups, read, write, figure, spell, respect property, and command respect for themselves. Miss Barnes has just told us about Martha. In Martha, we see what happens when a child fails to answer the voice of her own growth."

Once upon a time the teachers might have called Martha a good child. At 12, she was very quiet.

When the rest of the children laughed at a joke, she barely smiled. When they were noisy, she was listless. When the teacher called on her to recite, she trembled and once she cried.

For months, Miss Barnes watched Martha, carefully observing her, but drew no conclusions. She noted that Martha "turned crimson when asked to read aloud" . . . "answered my questions but did not voluntarily say a word" . . . "did not join in yells at the football game." After several months, the teacher wrote in her notebook: "Martha is overquiet, easily discouraged, depressed, and lacks self-confidence—why?"

In Martha's home, where she visited the child's parents, the teacher found the answer. "We never had any trouble with her before," the mother said. "She always did everything we told her. But now, when she ought to make up her own mind, she starts crying. All the other little girls her age act natural, but Martha seems afraid of her own shadow."

Martha's mother and her teacher talked about adolescence and what it required of the child. They agreed that Martha needed encouragement. "The main trouble with Martha was her mother," the teacher reported later. "All the time the child was growing up, she'd been commanded to behave. And now, when she was changing from a little girl into a little woman, she was on her own and she didn't know what to do."

Unlike P.T.A. meetings, where parents usually ask the teacher how Bobby is getting along, the Prescott Plan encourages *teachers* to make warm, personal visits *to the home*. The program has been so successful in Maryland that 30 groups of parents are studying their own youngsters.

"Columnists, radio lecturers, and magazine writers have all told us we don't know how to handle our children," says Mrs. Samuel Horne, leader of one such group which meets in the basement of the Grace Episcopal Church in Silver Spring. "Some of them told us we were overdominating; others said we were indifferent. *But none of them told us what we could do about it.*

"Since we got together with

[*Turn to page 198*



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It was the time when Miss Sarah's Waverly Electric vied with Mr. Jason's high-backed Oldsmobile to challenge the buggy's right of way. Dreamers predicted hard tops for the dirt streets. But to small boys, nothing equaled the dreams awakened by the naked expanse of licorice twists and banana bars, of jaw breakers, horehounds and Valentine hearts. Other shops, with the forerunner of today's "visual front", bewitched the ladies with the latest in buttons and bows.

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Dealers listed in your Classified Phone Book—under "Wallpaper."



Problem children are passe

Continued from page 196

Doctor Prescott," Mrs. Horne says, "*we've discovered that our youngsters, whatever the sensationalists told us, are mostly normal children.*"

When he visits a school, Doctor Prescott often reminds the teachers of what he calls the three basic needs of every child. The maladjusted child, he says, has been shortchanged on at least one of them.

The first need is *good health, food,* and *rest.*

The second is *love* in the home and *a sense of belonging* outside the home.

The third is *belief in oneself.* This demands a feeling of success in at least one activity and a sense of accomplishment.

Against these yardsticks and others, you can measure the behavior of individual children and discover some of the answers.

In South Carolina, one group of teachers solved the problem of Stanley, age 7. Stanley, his teacher might once have said, was a liar.

Under Doctor Prescott's guidance, the teacher patiently watched Stanley and made careful notes. One day, when the class talked about ponies, Stanley said he had a fine pony at home. When they read "Mary Had a Little Lamb," he declared he had a lamb. "I have pigeons and dogs and cats and most animals there are," he announced. Once he said his father was a railroad engineer; again, that he had gone up in an airplane with his father, who was a pilot.

At first, the teachers were alarmed at the child's fantasies "Stanley must be shown the difference between truth and falsehood," one of them said. "He must be taught that nobody likes a liar."

Meanwhile, Stanley's teacher had visited his home. There she learned that his younger sister was the darling of the family, her father's pet. She found that Stanley, while never mistreated, was often neglected. Although he'd bragged and boasted of his possessions, his only toys were a china horse and a china lamb, both kept on a shelf in the living room.

At their next meeting, Stanley's teacher made a report. "I think I understand," she said quietly. "Stanley doesn't need discipline or sermons on truth. What he wants is affection. His own world isn't giving him what he needs, so he's been creating a world that will. Now I believe I can help."

Stanley's teacher did help. First, she encouraged him to use his imagination in school plays, in painting, in story-making. Second, she gave him real-life experiences to remember—trips to the zoo, nature hikes in the woods. And, finally, she got his father to buy him a small, live kitten.

"Stanley is still imaginative," his teacher reported later, "but now he talks about things that actually happened. And I've learned how to help some of these things happen."

Often, the problem that drives teachers frantic has the simples possible explanation. In his sevent grade schoolroom, Henry was al ways troublesome. He quarrelec He talked back. And he never re membered his lessons.

Henry, his teacher discoverec simply needed sleep. Early in th morning and in the afternoon whe school was out, he delivered new papers. His father worked on night shift, and Henry often staye up late at night to keep his mothe company. All this Henry's mothe explained when the teacher cam to visit. She agreed that he neede more sleep. Later, the teacher tol her colleagues, "Just think," sh exclaimed, "what we might hav done with Henry! We'd have pur ished him in class. We'd have sen him to the principal. And we' have turned out a fine problen child when there was nothing reall wrong to begin with."

The study of a particular chil deepens the teacher's understand ing and tolerance of all children "Don't expect miracles, though," Doctor Prescott warns. "Under standing is a long, slow process." But Doctor Prescott's disciples putting his plan to practice, al most believe in miracles. "We' all heard so much about abnorma children," one teacher told him "that we forgot most children ar normal. You've taken the blinder from our eyes." A few weeks ago while Doctor Prescott was address ing a parent group in Maryland a lanky, gray-haired gentlemar came up to the platform at the end of the talk to shake his hand.

"Doctor Prescott," he said, "I used to be a high-school principal That was 20 years ago. I quit ther because it all seemed pretty hope less. I'd reached a point where I didn't know what to do with the youngsters. But if I'd known ther what you've just told us, I'd still be there at my job."

How to understand your youngster

Here are Doctor Prescott's four basic rules for parents:

1 Don't expect your child to act just like every other youngster, even his own brothers and sisters. Remember he's an individual.

2 Don't take it for granted he's stubborn or antisocial. Whatever he does, there's a cause. And because various causes affect each other, you may have to consider more than one.

3 Don't expect miracles. Your child's development is slow but sure.

4 Don't look for quick answers. It takes a long time to learn much about any child.

there's a sink made for you in the complete Crane line

THE SUNNYDAY SINK *is of one-piece construction—porcelain enamel on solid cast iron. Two drainboards and 8-inch deep basin. Swinging mixing spout gives tempered water. Recepto waste with removable cup strainer. Outlet accommodates General Electric Disposall.*



choose just the sink you want from the complete Crane line!

In the complete Crane line you have a wide choice of sinks to meet any preference. Besides cabinet sinks, Crane offers single-basin and double-basin sinks for counter-top installation—combination sinks and laundry tubs of one-piece construction, and a choice of porcelain enamel on cast iron, porcelain enamel on steel or Crane Duraclay.

Have you thought of the comfort and convenience a new Crane sink would bring you in your kitchen?

In the modern Crane line you will find many advanced engineering features. A retractable hose spray—gleaming porcelain enamel on cast iron that cleans easily with a damp cloth. *Dial-ese* faucets, that open and close at a finger's touch—wear and consequent dripping are reduced.

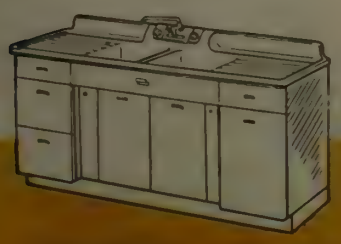
You have your choice of the luxurious *Kitchen Queen* with two basins and two drainboards. The highly efficient *Sunnyday*, with two drainboards and a single basin 8 inches deep. Here's the *Kitchen Pride*, with two basins, or the compact *Homemaker* with a single basin and a single drainboard. These are only a few of the many sinks in the Crane line.

Above all, you can have any of these modern sinks with all the cabinets you need in your kitchen for only a few dollars a month. The complete installation can be financed through your local Crane Dealer.

See him today! He will help you select a sink and cabinet to meet your needs—and his expert installation will assure you a lifetime of trouble-free kitchen pleasure.

* * *

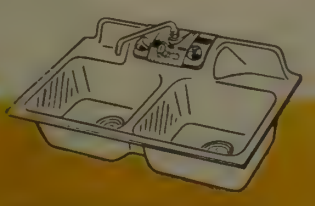
If you are planning on remodeling your present kitchen or on building a new home, send 10 cents for informative book, "Planning Ideas for Bathrooms and Kitchens."



Kitchen Queen—truly a regal sink—two basins and two drainboards—swinging mixing spout—retractable hose spray—*Dial-ese* controls.



Kitchen Pride—a compact sink only 38 inches wide for small kitchens. Two 8-in. deep basins. *Dial-ese* controls.



All-American—finest sink for counter-top installation. Swinging mixing spout—easy-to-operate *Dial-ese* controls.

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Deltox gives you the smartest rugs at the smartest price!

Here's one place you can beat high prices . . . and do it in style, too! Whatever furnishings you've selected for your home, you'll find a *Deltox Fibre Rug* that's perfectly suited to them. Modern, traditional, happy inbetween—all find their ideal background in the smart colors and patterns of woven Deltox Rugs. And beauty isn't all you get. Every Deltox has a napless surface that's a cinch to keep clean. They're all built for hard wear, and most are reversible for *twice* the life! Make a date with your Deltox dealer, and choose the lovely rugs you want for every room in your home—the rugs that save your precious dollars.

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*America's smart low price rug

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Budget furniture you can buy now



Full-size Lawson sofa with two-cushion look has simple lines, is easy to slipcover, sells for about $125. Upholstered in cotton damask, it is available in a wide variety of colors



Armless chairs sell for $25; lamp table $27; cocktail table $25. All are in maple finish. New type of furniture is shipped to dealer knocked down, reducing freight and retail price

Photographs: Suter, Hedrich-Blessing



Low and wide wing chair retails for approximately $37.50. The inside of the chair is covered in ranch-house print; outside is plain chartreuse cotton



Armless chair that sells for approximately $25 has slim, curved button-back, and coil-spring construction. It is available with light or dark legs

More on page 203

Now! canvas awnings styled by Dorothy Draper—



Decorator

CANVAS KID AWNINGS

Individual awning styles and color combinations designed by America's leading decorator . . .



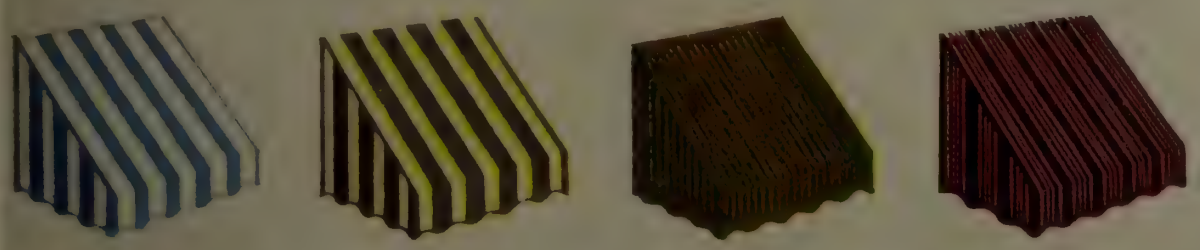
add charm to your home—

Dorothy Draper, well-known Decoration Engineer and Color Coordinator, says:

"It's so easy and inexpensive to make your home cool yet summery with gay, colorful awnings. Decorator Awnings add that festive note which instantly says, here is a home of cheerful living."

Here at last are modernly-styled awnings, created by America's leading decorator to harmonize enchantingly with your home and its surroundings . . . to transform your house into a pleasing picture of fresh coolness and cheerful beauty. Authentically designed for every type of home, "Decorator" Awnings keep out hot summer sunlight that quickly fades curtains, upholstery and floor coverings. They hold down daytime temperatures and admit cool, refreshing air from windows safely left open even when it rains. All are mildew-proofed . . . all popular priced. See them at your favorite department store!

there's an authentic Dorothy Draper styled awning to harmonize with every type and color home . . .



"Decorator" Awnings also come in solid colors: Light Green, Dark Green, Light Blue and Dark Blue. All are made in standard sizes with wider sizes available for porches and picture windows.

Send for your FREE Dorothy Draper booklet —
"HOW TO SELECT AWNINGS TO ADD CHARM TO YOUR HOME"
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Such *graceful* lines. Such smart and durable new fabrics and fittings. Such wonderful new conveniences—like Push-Button Door Handles. Chevrolet's all-new Body by Fisher makes it a *beautiful buy* for styling!



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**In De Luxe models only.*



...from the practical point of view

Slam the doors—and hear the difference. Examine the quality of the *reasonable* upholstery, the nicety of detail throughout. Listen to the smooth purr of the *improved* engine—so efficient and economical that more and more manufacturers are adopting the same type of design (valve-in-head). From *every* viewpoint, this exciting new car has been designed and built to be... *First for Quality at Lowest Cost!*

WHITE SIDEWALL TIRES AVAILABLE AT EXTRA COST.

CHEVROLET MOTOR DIVISION, GENERAL MOTORS CORPORATION, DETROIT 2, MICHIGAN

Extra-duty chests for small rooms



Chests the same height as the bed they are made to flank give trim, in-line appearance to a room. Top drawer of woman's model (above) is designed as vanity. Mirror is built into top piece that is drawn out when drawer is open. Chests are right height to double as night stands



Man's chest (below) is equipped with pull-out slide that converts it to a writing desk. Chests are $79.50 to $89.50 depending on style and features, and can be had in several finishes. Single or double beds sell for approximately $50, and are available in finishes to match chests

Where to get it, page 299



. . . Keep clearly in mind the thoroughly practical Wall-Tex features when you inspect the thrilling new Wall-Tex patterns and colors. Choose distinctive, style-right Wall-Tex for every room and years later you can proudly say: "Just see how long our Wall-Tex has stayed fresh and beautiful." Mail the coupon now for free portfolio and sample swatches.



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To get the name of your nearest Kentile Dealer phone Western Union by number and ask Operator 25 for his name and address. Visit him and see Kentile's beauty for yourself... learn how easily and quickly Kentile can be installed. He will help you work out your own design and will give you a FREE estimate on the floor you choose.

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Low cost and livable

Begins on page 46

hem but not interfering with the ctivities of either.

Because of the placement of the garage and breezeway, the house ooks larger than it really is. Varying the roof lines and putting the ntrance in the recess between projecting wings set off the three portions of the house. Ten-inch-wide cedar siding, a wood shingle roof, and carefully scaled windows give the house excellent proportions and graceful lines.

If you want a small house—one that looks well from all angles and gives you a dollar's worth of living for every dollar you spend—this is the house for you.



Rear of the house is fully as attractive as the front, and has the same general lines. Large fixed window in the dining area with flanking double-hung windows for ventilation gives you a pleasant view of garden



Entrance door, hall, and coat closet are in the kitchen extension, sheltered from the wind by the main house and the garage. Flat molding around door and flat cornice above all windows make repainting easy

More on next page

How to heat your dream house

...or the one you live in now



Extra space—with "hidden heating." Painted to match any decorating scheme—and recessed in the walls, Trane "Active Air" Convectors offer many advantages over bulky, ugly radiators. They make the most of any steam or hot water system.

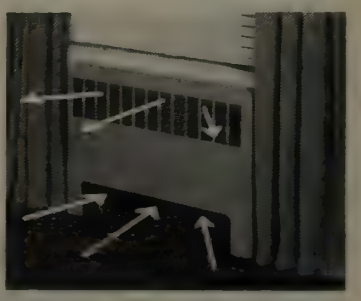


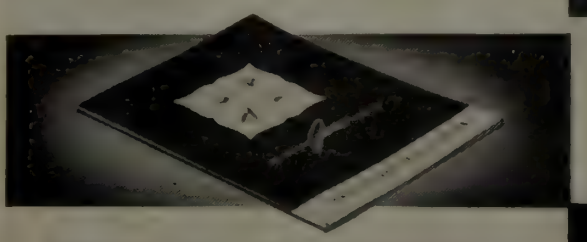
Warmth that pleases! Fewer sneezes! That's because Trane Convectors put warmth where it belongs without dusty, cumbersome ducts, and with no exposed hot surfaces to burn hands or furniture. Less heat wasted overhead. No chilly drafts along the floor.



How much comfort per dollar? Inexpensive to install, thrifty with fuel, Trane Convectors provide *even* heat—*quickly*—throughout the room. No dust traps. No hot spots.

"One, two, three—that's for me!" 1. Air is drawn in at the bottom of the Trane Convector. 2. Instantly warmed by aluminum fins and copper tubes. 3. Warm air passes into the room and diffuses evenly, from floor to ceiling.





FREE! Booklet in full color! Avoid disappointment later by getting the facts about Trane Convectors *now*. Write Dept. C-49, for "How to Live in June All Winter."

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Pay for *One* roof . . .



get *Double* protection!

Here's shingle beauty designed to make a *double-thickness, wind and weatherproof roof!**

If good looks were *all* you required in a roof, many different types of shingles might suit you.

But if you—like thousands of smart home-owners—also insist on *complete* protection, on a *safer* roof over your family's head, then your choice is easy! No roof can possibly give you greater wind-and-weather protection than smart-looking Ruberoid Dubl-Coverage Tite-On Shingles provide!

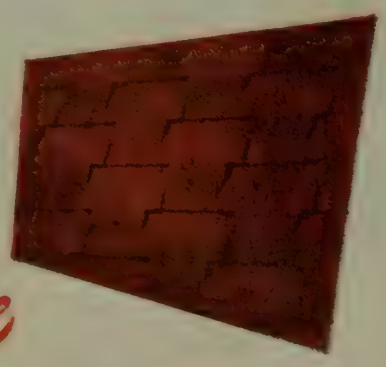
Thanks to a patented, interweaving design, these shingles actually make a *double-thickness* roof, so securely anchored that not even winds up to 120 miles an hour have been able to tear these shingles loose!

A product of The RUBEROID Co., 63-year old pioneers in the development of quality building materials, Dubl-Coverage Tite-On Shingles are surprisingly moderate in cost. And their fast application makes for further economy. See your Ruberoid dealer today—or use the coupon below.

*Three thicknesses at certain vital points!

Their Beauty is their Strength!

Interweaving—responsible for this smart, "basket-weave" appearance—also accounts for the *two* complete thicknesses these shingles make over your entire roof. Concealed interlocking links them into virtual one-piece roof. No gadgets or exposed nails to rust away!



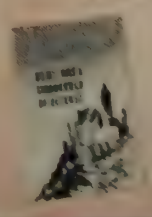
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SAVE TWO CENTS . . . PASTE COUPON ON PENNY POSTCARD!

Low cost and livable

Continued from page 20



Kitchen is compact, but has all the work and storage space you nee Three double-hung windows and a glazed door keep it bright even c rainy days. Slab door behind door to the breezeway leads to baseme



Both bedrooms have corner windows. They give you good ventilation, and leave you a maximum of wall space for furniture, but leave the room guarded from eyes of passers-by. House has no overhead light fixture

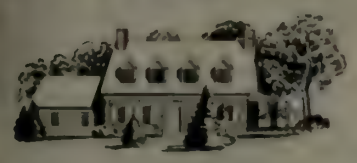
The stores listed below operate permanent Home Planning Centers, featuring the *Better Homes & Gardens* Five Star Plan Service. At each store you can obtain advice and assistance, without cost, in planning, building, furnishing and equipping your new home, or remodeling your present home. You are cordially invited to take advantage of this complete Home Planning Service. Visit the Home Planning Center near you today.

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Models of *Better Homes & Gardens* Five Star homes 1609, 1610, 1611, 1701, 1702, and 1703—the NEW exhibit of "Homes for Today"—will be shown at Hecht Bros., Baltimore, May 2-14.

Plans and Home Plan Book

Better Homes & Gardens Five Star Home 1904, featured in this issue, is one of the series of one- to four-bedroom homes which make up the Five Star Home Plan Service. These homes, designed by America's foremost architects, range in style from Cape Cod to Contemporary, Traditional to Ranch-type. These are homes planned to give you maximum comfort, convenience, and beauty—at minimum building cost. *Better Homes & Gardens* Five Star service includes:

★ **Designs by skilled architects**

★ **Detailed working drawings**

★ **Cost-finding materials lists**

★ **Complete specifications**

★ **Contractor-owner agreements**

Working Drawings are detailed architect's drawings, from which your builder or contractor will build your home. They are complete in every way. Cost is $5 per set. Included with each set of working drawings are: 1) specification form outlining the quality of materials and workmanship you'll want in order to insure sound construction; 2) contractor-owner agreement form—a sug-

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STOPS TANK RUST ...before it Starts!



INSIST ON ALCOA PROTECTION IN YOUR NEW WATER HEATER!

Here's good news, if you're in the market for a new water heater! You won't have to worry about tank rust getting into the water if your heater is equipped with an ALCOA Anode. This inexpensive magnesium rod sacrifices itself, prevents tank rust from starting. In most localities, adds years of trouble-free hot-water service.

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FREE FOLDER! Contains interesting facts you should know about Alcoa Tank Protection. Write for the folder, "Tank Insurance", stating whether you want protection for your present heater or a new one. ALUMINUM COMPANY OF AMERICA, 636 Gulf Bldg., Pittsburgh 19, Pa.



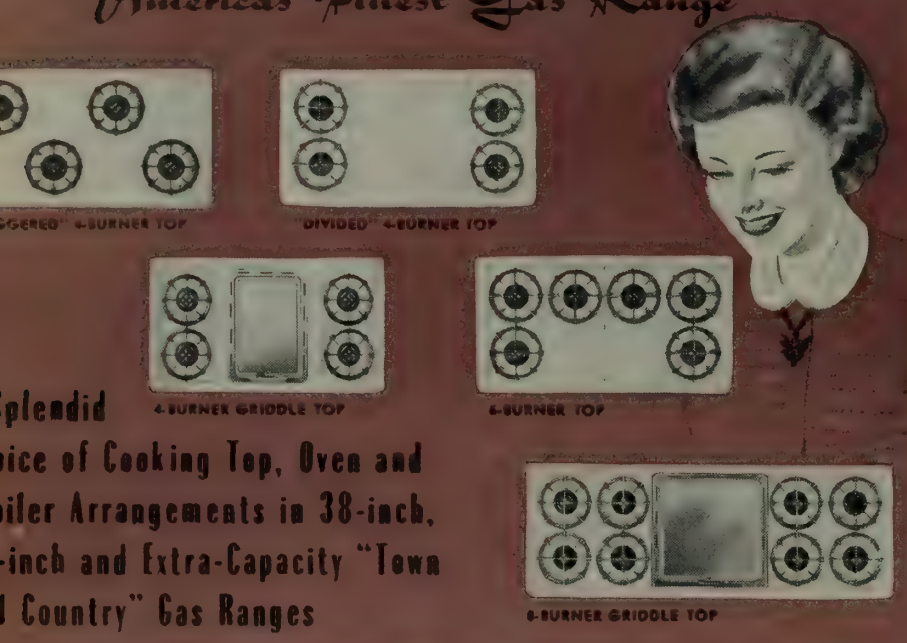
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This month's Five Star home

Continued from preceding page

gested legal contract to assure your home will be built as specified.

Lists of Materials—priced at 10 cents—are available separately for each Five Star home. With this list, your architect, building materials dealer, or builder can compute in advance the building cost of your home in your community.

These complete home-planning aids may be purchased at firms listed above or ordered direct from *Better Homes & Gardens*, Des Moines 3, Iowa.

When mailing your order, be sure to specify the Five Star home number. Enclose a money order, bank draft, or check, payable to the firm to which you write.

Home Plan Book: If you haven't selected a specific Five Star home plan as the home you want to build, *Better Homes & Gardens* new book, *Five Star Homes*, will help you make a choice. This 76-page book brings you photographs and floor plans of 66 Five Star homes. Price —50 cents. You can buy your copy at firms listed above or order direct from *Better Homes & Gardens*.

Home furnishings answers

Q. *How should I place a grand piano in my living room? Mrs. R. A., Atchison, Kansas.*

A. The straight side of your piano should be placed parallel to a wall —with the keyboard at right angles to the wall. If possible, the piano should be placed where the person playing it can see most people in the room and not have his back to the guests. Be sure to plan ample lighting for the keyboard.



Q. *Ends of yarn are appearing on the surface of my new carpet. What can I do to get rid of them? Mrs. D. V., Anniston, Alabama.*

A. Clip—don't pull—any ends of yarn which appear on your new rug. Most cut-pile rugs (Axminsters, Wiltons) will shed a fluff of lint or loose pile when they're new. This linting will stop after the loose yarns have worked their way out of the rug.

Bet he goes for



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A.1 sauce



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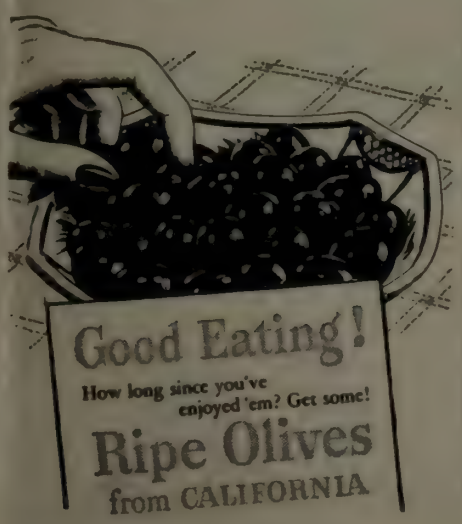
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"There's no easier way to say 'welcome' when friends call ...and it's an equally nice idea when just the family gathers.

"You simply fill up a bowl or two with your favorite brand of California ripe olives — and set them out where folks can help themselves! Try it...and listen to the compliments."

Ripe olives from California fill an honored place in the diet. Among other food values, California ripe olives offer you nourishing protein...and they're a source of Vitamin A and iron. But the reason California ripe olives are famed throughout the world is FLAVOR!

Bite into one. Here's plump, meaty goodness. Here's good eating. Have another...enjoy all you want! (Yes, even if you're a "calorie-counter." For 8 to 10 California ripe olives just about equal 100 calories.)



Cake recipes

Begins on page 61

Recipes below are for two-layer cakes. To make a three-layer cake, double the recipe, fill three layer pans two-thirds full. Use remaining batter for cupcakes.

Burnt Sugar Cake

½ cup shortening
1½ cups sugar
2 egg yolks
1 teaspoon vanilla
2½ cups cake flour
¼ teaspoon salt
2½ teaspoons baking powder
1 cup water or milk
3 tablespoons Burnt Sugar
2 stiff-beaten egg whites

Thoroughly cream shortening and sugar; add egg yolks and vanilla; beat until fluffy. Add sifted dry ingredients alternately with water, beating well after each addition. Add Burnt Sugar and fold in egg whites. Bake in 2 waxed-paper-lined 8-inch layer-cake pans in moderate oven (350°) about 30 minutes. Put layers together and frost with Caramel-Nut Frosting.

Burnt Sugar: Melt ½ cup white sugar in heavy skillet over low heat until dark brown and smooth. Remove from heat; add ½ cup boiling water; return to heat and stir rapidly until molasses-like syrup melts.

Caramel-Nut Frosting

2 cups brown sugar
½ cup butter or fortified margarine
½ cup light cream or top milk
Few grains salt
1 teaspoon vanilla
1 cup chopped California walnuts

Combine ingredients in saucepan. Stir over low heat until dissolved. Heat to boiling and cook to soft-ball stage (234°). Beat until cool. Add vanilla. Spread between layers and on top and sides of 2-layer cake. Sprinkle with chopped California walnuts.

Note: Use 1½ times recipe for 3-layer cake.

Quick-Mix White Cake

2¼ cups sifted cake flour
4½ teaspoons baking powder
1 teaspoon salt
1½ cups sugar
½ cup shortening
1 cup skim milk
1 teaspoon vanilla
4 egg whites (½ cup)

Sift dry ingredients together into mixing bowl. Add shortening, ⅔ cup milk, and vanilla. Beat vigorously 2 minutes. Add remaining ⅓ cup milk and unbeaten egg whites. Beat 2 minutes. Pour into 2 round waxed-paper-lined 8-inch layer-cake pans. Bake in moderate oven (350°) 30 to 35 minutes. Put layers together and frost with Double-Cooked Frosting.

Double-Cooked Frosting

2 cups sugar
½ cup water
⅛ teaspoon cream of tartar
⅛ teaspoon salt
2 egg whites
1 teaspoon vanilla

Cook sugar, water, and cream of tartar to soft-ball stage (236°). Add salt to egg whites; beat until frothy. Place over hot water and gradually add sugar syrup, beating constantly. Continue beating until mixture forms peaks. Add

[*Turn to page 225*

ONE-HAND PORTABILITY makes it easiest to use!



$38.50

($39.25 West of Rockies.) Includes free-flowing juice extractor and two mixing bowls.



the New HAMILTON BEACH ...with Mixguide



Mixguide puts speed control right under your thumb. And right under your eye, magnified for flash reading, are these ten scientifically tested speeds:

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4 JUICING FRUITS
5 ICINGS, CREAMING
6 WHIP CREAM
7 WHIP POTATOES
8 CANDY, BEAT EGGS
9 COOKED ICINGS
10 ATTACHMENTS

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AND ONLY Hamilton Beach gives you *one-hand operation.* You hold the beater unit in one hand, set the speed with your thumb.

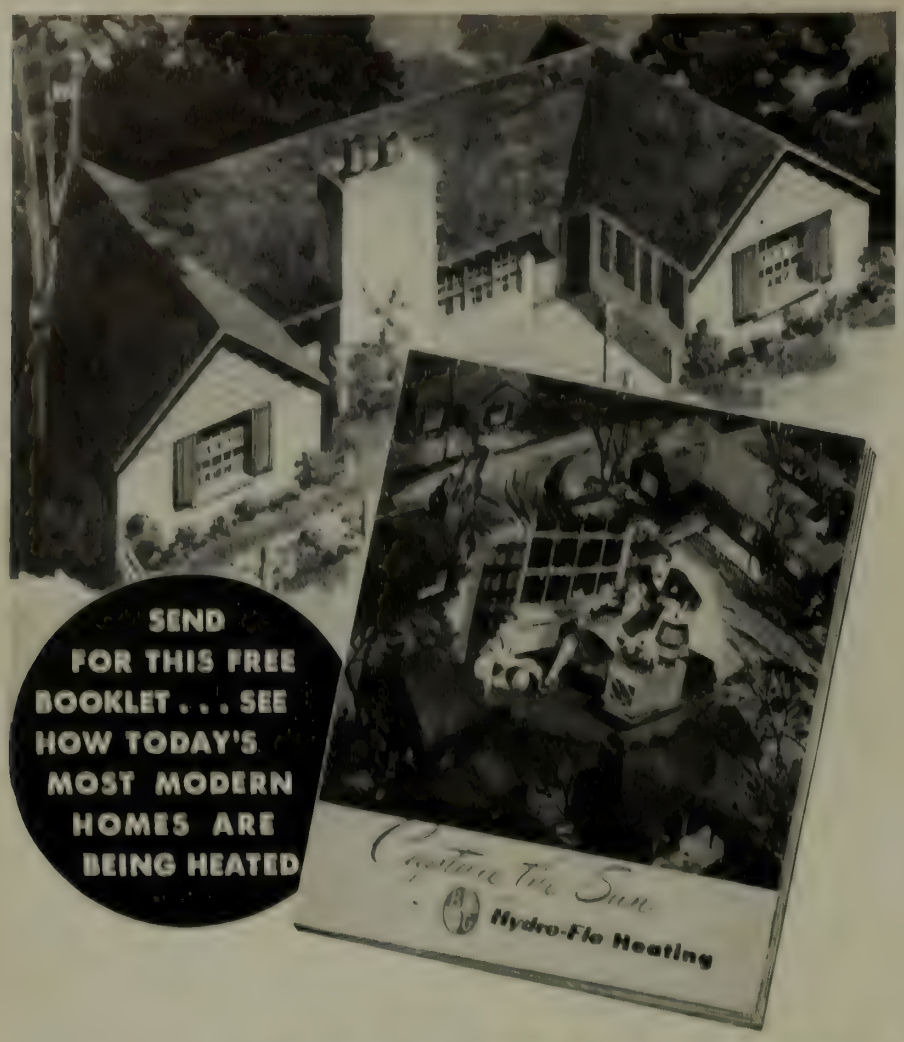
YOU GET still another Hamilton Beach *exclusive* in *finger-tip bowl control.* You blend all ingredients evenly by simply shifting the bowl while beaters and bowl are revolving.

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YES, IT *does* cost more to bring you all these work-saving features. But you pay no premium. So try the new Hamilton Beach at your dealer's and you'll agree it's *America's easiest-to-use mixer.* Hamilton Beach Company, Division of Scovill Mfg. Co., Racine, Wis.

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IS READY FOR YOUR NEW HOME

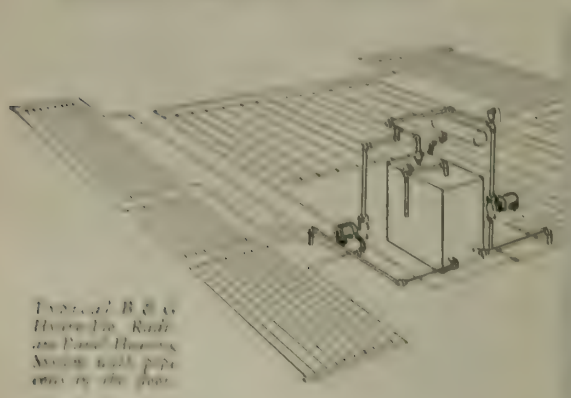
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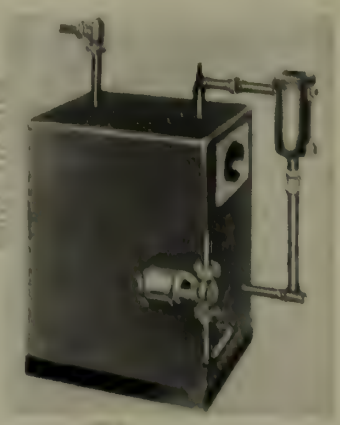
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How good an amateur architect are you

Begins on page

1. Garage is in the wrong place. It cuts off much of view from the living room, hogs the south sunlight breeze, and is a day's journey from the kitchen.

2. Garage has no back door.

3. Entrance is sheltered, but is too small for practical you'd always be bumping doors together. You'll find same network of doors at head of the basement stairs.

4. Placement of lavatory gives you no privacy. It wo be better to put it somewhere else and increase the stor space in the garage.

5. Den is in a spot that's likely to be noisy. If you h serious concentrating to do, you'll have a hard time w clatter of dishes on one side, noise of a radio on anothe

6. The living room is enlarged sufficiently, but it will dark in spite of its big window. One exposure in a room deep usually isn't enough.

7. We won't call the stairs opening off the living ro wrong, because many people like that feature, and it can decorative. But it turns the living room into a hall. Th was no reason, though, why those stairs couldn't straightened and winders (triangular steps) remov Winders are not only unattractive, but extremely danger

8. Dining area has no view, and takes up part of the ro that could be better used for living-room furniture.

9. Kitchen has no service door.

10. Breakfast room and utility room should be transpos In this way he could have had a service door at the r

11. Kitchen is inefficient. Sink should be placed in fron window, and range put near door to dining area.

12. Kitchen windows should have been relocated. Si they were cut down to make way for counters anyway would cost little more to get a better window arrangeme

13. Outdoor entrance from basement stairs still open front of house off landing. This is very inconvenient wh you want to take out garbage or laundry.

General comment: The remodeled version of this ho makes prodigal waste of space and has inadequate ro arrangement. If you found more than 13 errors—and th are many more—you will find that by correcting the err listed, the other mistakes will correct themselves.



Here is what our remodeler might have done. gives him what he wanted in a compact, worka arrangement. Yet he would add only 171 squ feet of floor space (the garage alone takes up 26 not the 289 square feet that he actually ad



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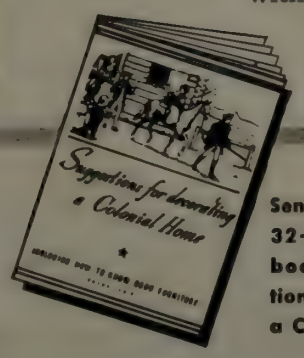




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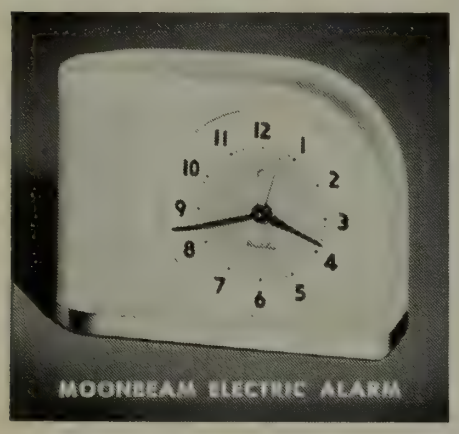
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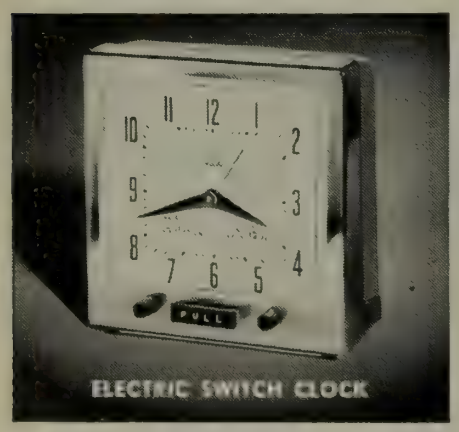


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Products of **GENERAL TIME** *Instruments Corp*

How to make a backache go away

4 good ways to get a backache



. . . strong back, weak mind



. . . just can't wait to get outside



. . . wouldn't part with this ol' bed



Drawings: Virgil Partch

. . . grandma didn't sit down to work

By George H. Waltz, Jr.

Four thousand backs aching in unison! Quite an array of twinges and pains, to be sure. But that's just about the typical backache score on the average day in the average community of 100,000 people. And all because prehistoric man insisted on walking on two legs instead of all four.

Backaches run a close race with headaches as man's, and woman's, most common ailment. If you lay claim to never having had one, relax. You will. Backaches are to adults what measles and mumps are to children—just about as inevitable and, in most cases, no more dangerous or deadly. They are one of the prices you pay for your vertical way of life.

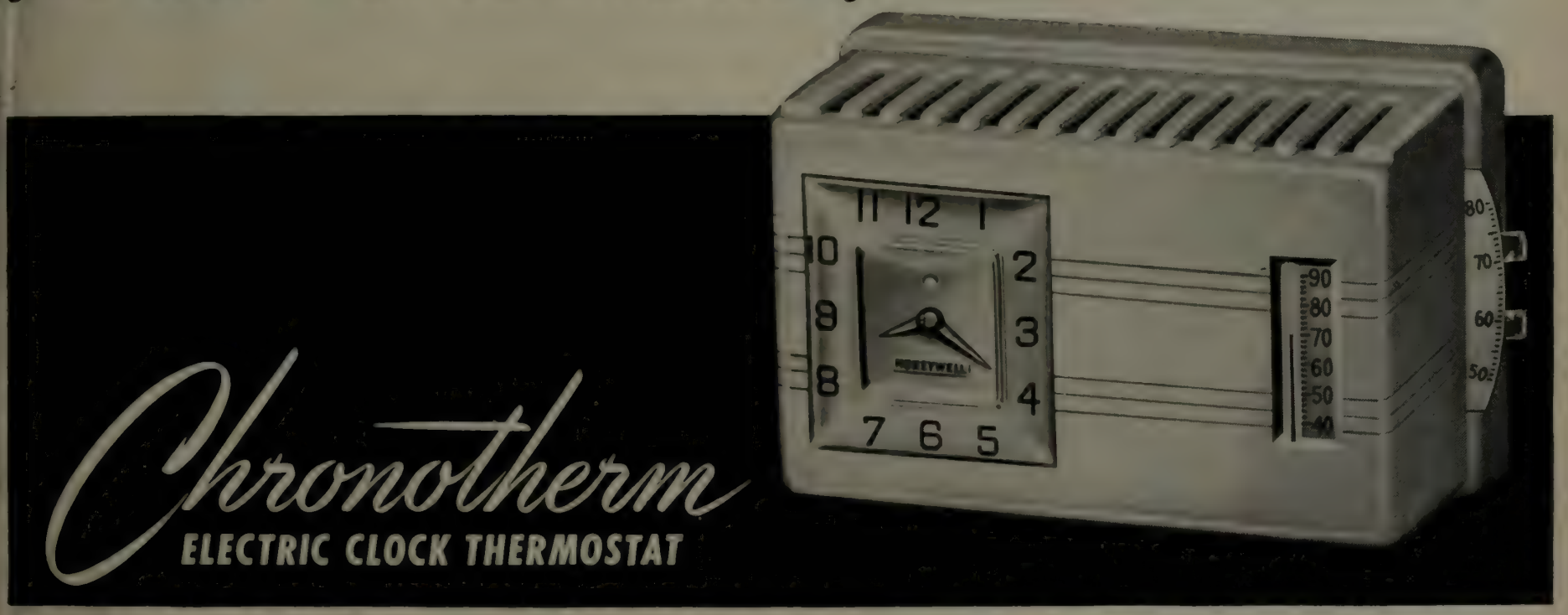
A backache, like a headache, is a symptom, not a disease. That's one reason it's so common. It is an undeniable signal that something is wrong. It may be a symptom of anything from a simple strained muscle or poor eyesight to serious ailments such as gall-bladder trouble or even cancer. Luckily for you, the simpler backache causes far outnumber the more dangerous and complex ones.

Your doctor can list almost a hundred different reasons for an aching back. However, any backache pain can be placed in one of four main classifications: (1) pain caused by muscular fatigue or the misuse or strain of little-used muscles; (2) pain caused by a fall or actual injury; (3) pain due to worry over an unsolved emotional problem; (4) pain that is the symptom of some basic organic trouble.

About 90 percent of all backaches fall into the first three classes. Strain and muscle fatigue head the list.

To understand your aching back, and all the reasons for it, you will have to know a little about the spine and the muscles that support it. Centuries ago, in prehistoric days, all quadrupeds, including the early ape man, got around on all four legs. That was the accepted form of locomotion. Nature constructed the spine accordingly, like a flexibly jointed rod to be supported at both ends. Then prehistoric man, or his immediate predecessor, got the bright idea of walking around on his hind legs. He managed the change by [*Turn to page 214*

HOME OWNERS say that the two things they want most from their heating plant are comfort and fuel economy . . . Chronotherm, Honeywell's electric clock thermostat, gives both . . . It switches to lower fuel-saving temperature at night, then restores daytime comfort in the morning before you arise—*all automatically!*



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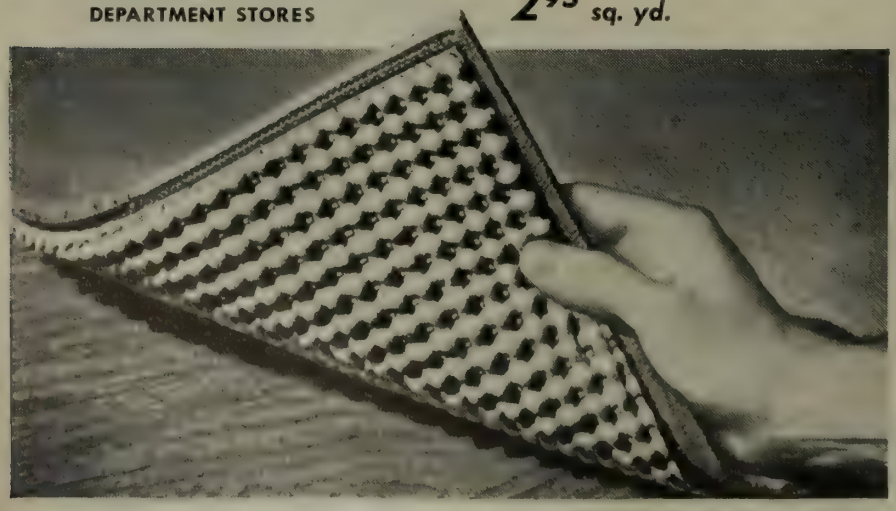
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Gleaming tables—strangest thing.
We have chair legs sawed half through,
Hammer markings, gobs of glue.
They have kittens, maybe dogs;
We have turtles, snails, and frogs.
They have quiet, we have guns—
They have daughters, we have sons!

—*Richard Armour*

How to make a backache go away

Begins on page 212

degrees, first alternating between two and four feet, just as the chimpanzee still does. Finally he stood erect and walked entirely on two. About that time he got a backache.

We've come a long way since then. But we haven't yet mastered the trick of standing and working erect without inviting a backache. Nature gradually altered the general shape of the spine to take care of its change from a horizontal member supported at both ends to a vertical member balanced on a single support. What she failed to do was to add more muscles to help hold the spinal column erect. As a result, your back is weaker than it should be.

Any unusual twisting or straining naturally tends to place undue stress on your inadequate back muscles, particularly the muscles at the lower end of the spine. Here the full weight of the upper body rests in a universal-like joint whose two parts are called the *sacrum* and the *ilia*. Anatomically, you have a natural built-in aptitude for backache or "low back pains."

The next time you are tempted to move a heavy table, lift a large trunk, or catch up on your exercise, just remember those muscles in your back. Take it easy. If you overstrain them, or place them in odd and awkward positions, you are inviting your back to ache.

Even if you feel you are in the best of trim (if you're over 40, you probably aren't), don't use your back as you would a derrick. When you have to lift something, let the muscles in your arms and legs do most of the work. Never lift anything quickly; ease your muscles



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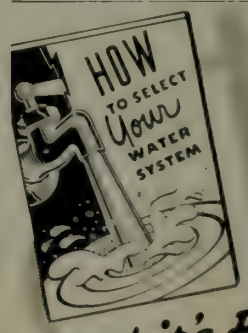
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into it. And when you garden for the first time this spring, remember that you are putting into use muscles that have been laid up pretty much all winter.

If your backache comes from muscular fatigue, it's because you use the same sets of back muscles all the time or use them awkwardly. You're particularly apt to have this type of backache if your job requires you to repeat the same motion over and again for long periods of time. Office workers often get a backache when they sit in chairs not suited to their work.

You can get a backache if your washtubs or sinks are too high or too low, if the kitchen work surface is comfortable neither for standing nor sitting. If your automobile seat fails to support your body in a comfortable and natural posture for driving, it can cause muscular fatigue. This is true even when you haven't been conscious of using the muscles that suddenly begin to ache.

Bed has always been a place to rest. Yet according to medical authorities, many of us get very little rest there. Instead of waking up relaxed and fresh, do you arise weary and backachy in spite of the sleep you've had? Doctors blame your bed with its well-used, rounded-out hollows that fit your body. A sagging bed that fails to support your spine doesn't allow the back muscles to relax. As a result, they are tense most of the night.

Take a good look at your bed if you are bothered with morning backaches. If it is soft and saggy, you have probably found the cause of your pains. Get a new mattress, and perhaps a new spring, or else bolster the old mattress with a flat 3x5-foot board inserted between the mattress and the spring. Several such "sleep" boards are available commercially. There is even a folding "sleep" board for travelers!

Things as remote as nearsightedness and partial deafness have been found to be the causes of mysterious aching backs. A nearsighted person unconsciously stretches his neck and shoulders forward in an attempt to get his eyes focused on the object he is trying to see. The continuous strain that this puts on the muscles of the neck and shoulders is likely to show up as pain. Similarly, the person who is deaf in one ear unconsciously is apt to cock his good ear forward in order to hear. This places an unnatural strain on the muscles at the opposite side of the neck and shoulders.

In most of these simple backaches, the underlying cause is posture—or rather the lack of it. If everyone would learn to stand, sit, walk, and work with his body held correctly most aching backs would quit aching.

To show yourself what good posture looks and feels like, back up against a wall until the back of your head, your buttocks, and your heels touch the wall. Then slowly adjust your pelvis, your stomach muscles, and your back until as much as possible of your back also touches. That is good posture. If

I've seen them all...

I'll take

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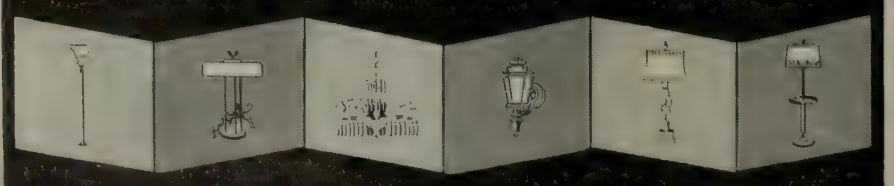
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National Society for Crippled Children and Adults, 11 South LaSalle Street, Chicago 3, Ill.

How to make a backache go away

Continued from preceding page

you can only learn to hold your body in that position you will be giving your spine a break. You won't find it as comfortable at first as your usual drooping slouch, but in the long run you'll feel better.

In keeping up with Dame Fashion, most women sacrifice whatever naturally good posture they may have had. Nature just isn't equipped to correct a body thrown completely out of balance by ill-fitting shoes and stiltlike heels. Nor does a man help his posture, his spine, or his backaches by tilting himself backward on run-down heels.

A combination of rest, massage, and heat is the best treatment for a simple backache that results from a strain or muscle fatigue. If you have no heat lamp, you can use an electric heater or even a toaster as a source of radiant heat. Direct application of heat via a hot-water bottle or heating pad should also help.

In any case, however, if your backache persists, see your doctor. If you can trace your backache to a fall or an injury, by all means see him.

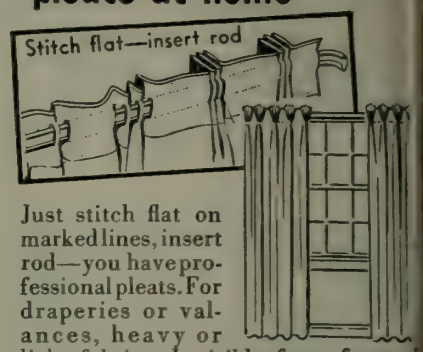
If it is a psychosomatic backache, only a solution of your mental or emotional problem will help. You may need to see a psychiatrist.

If your backache is caused by some internal trouble—gall bladder, prostate gland, intestines, the uterus, osteomyelitis (an infection in the bone), tumors, tuberculosis, cancer—only a top-notch medical detective can successfully track down the cause and correct it. Once your real organic difficulty is eliminated, your backache, which again merely was a symptom, will disappear. It could be that in another thousand years or so, the very word "backache" will have vanished from our language and will appear only in medical histories. Perhaps by that time Nature will have evolved a stronger network of muscles to support the human back. Perhaps, too, man will have at last mastered the trick of two-legged locomotion. In the meantime, however, *take care of your aching back.*

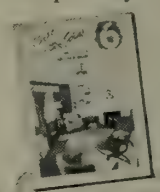


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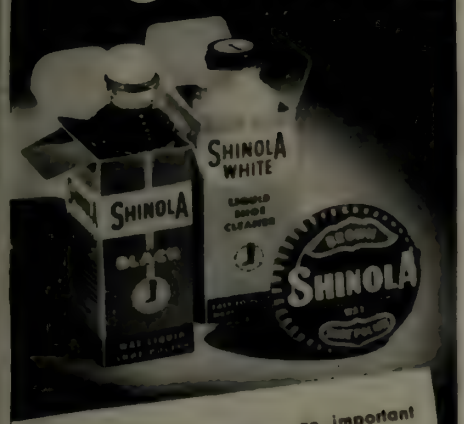


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Train your daughter?

Begins on page 192

when you're older and used to disappointments. Whatever the income, we're trying to prepare her to live cheerfully within it. First as a matter of good sportsmanship. Second because discontent actually threatens rather than stimulates a man's earning power. Third because too many divorces are brought about by extravagant wives.

Are you making your youngster aware of bills and budgets and sensible marketing? Even a trip to the store with your pigtailed tot can be an opening wedge: "No, dear, we can't buy the stuffed olives this time."

"But I like them!"

"We all do. That's why we have them for holidays or company or a special treat. But Daddy works hard for the money we spend. So it's up to the women of the family to plan good meals that still don't cost too much."

The same approach can be used in teaching the folly of waste. The scandal of America's overflowing garbage pails would not be upon us today if our parents had taught us that waste is a sin against *marriage*. That to throw out good food is equivalent to throwing out hours of a husband's effort. Many parents did preach "waste not, want not," but the lectures didn't take, largely because they weren't put on a matrimonial basis.

To put it bluntly, normal females of all age levels are *instinctively* interested in getting married. By taking advantage of that instinct you simplify your task of teaching anything, from the art of darning socks to kitchen economics.

Physical

The sex side of being a wife is, of course, important. And it isn't, as was so long thought, a hush-hush business that defies counsel. Sex instruction, given honestly and simply to the young child, leads naturally to the discussion of more complex emotional problems when in adolescence. At such times it is not difficult to refer to the future—to give your daughter sound concepts of the marriage relationship as something decent, fine, and touched with glory. Worth waiting for; and later worth everything it demands in faithfulness, cooperation, and patience.

On the other hand, I think the whole sex issue has been vastly overemphasized in the past decade. And my experience disagrees heartily with those who claim it can be discussed as openly in the home as other matters. Recently I read a frank, fine, but somewhat incredible article wherein the whole family was depicted as chattering sex at the dinner table. With everybody from Aunt Hattie to 6-year-old John contributing either pointed questions, or calm, enlightened replies.

Now this might happen in some families, but I can't imagine it in ours. We would no more think of having a glib group pow-wow about sex over the dinner table, or

when you need it most



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MY BOOK HOUSE

TESTED AND COMMENDED BY PARENTS' MAGAZINE

Train your daughter?

Continued from preceding page

in any setting, than we would of all suddenly deciding to turn nudist. Sex is to us, and I think to most people, simply too personal—too intimately involved with the most intense and basic emotions. And while children have certain curiosities, they also have certain reticences. They want their problems solved in private.

It's just as bad to be overzealous about preaching sex as it is to be overmodest. Mrs. Lincoln is an acquaintance who made this mistake with her Joan. As a little girl Joan knew "everything," her mother boasted. When Joan began dating, "everything" was hauled out and dusted off for discussion, morning, noon, and night. What happened to the glands when a boy kissed you; how all romance was a prelude to mating. That sort of thing. She turned all Joan's starry-eyed moments into bits of biology, with the result that Joan became disgusted with men altogether and has never married.

It's not necessary to go to extremes either way. Let's prepare our daughters for the finest relationship of life, but let's remember that no individual can ever teach another everything. A large and very valuable share of life is personal discovery. Let's not rob them of their rightful dreams.

Psychological

Are you creating in your daughter right now a sound respect for the vows of marriage? The attitude with which a girl enters marriage can mean its success—or failure.

"Oh well, if it doesn't work out I can always get a divorce." I am ashamed to recall the flippant manner in which so many of us regarded marriage when *we* were married. Fortunately most of our marriages did work out, but our attitude itself caused a lot of suffering and confusion.

Herewith then the plea that the parents of America get behind the movements for stricter and more uniform divorce laws. And that all of us begin teaching respect for the bonds of matrimony.

While we're at it, let's remind our daughters, as well as our sons, that the minister won't be kidding when he includes "forsaking all others" in the oath. Women who were coquettes in their dating days sometimes have a difficult time forsaking the role. They find it exciting and pleasing to the vanity to keep little side affairs going. Are you teaching your daughter to recognize this ugly, if fascinating, temptation when it rears its head? Are you pointing out its consequences? The outright tragedy. At best the object of pity it makes her husband, of contempt it makes herself. The female philanderer, who betrays the man who is out working to support her, is, if anything, more obnoxious than the male.

Another attitude we mothers and fathers should encourage is that *marriage is not a sacrifice but a gain.* Yet how many of us, concerned with keeping our darlings



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by Martex®

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P.S. Martex Dry-Me-Drys are now available in most good stores throughout the country. Ask to see them. Two shown are 18" x 36", one 17" x 34". Pattern A has a variegated colored border with red and blue predominating. Pattern B comes in red, blue, green or orange checks. Pattern C is a color rainbow of gay parallel stripes.

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NOW AT YOUR LOCKER PLANT



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At last! A container designed especially for home and locker freezing . . . and designed to slash up to 50% off your packaging time, too. Here's why. All you do with Thermorex Containers is open, fill and replace the cover. There is no setting-up, no liners, no funneling, no heat-sealing.

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FREE! Write Sealright, Dept. FB-1, for the new booklet, "Easy Home and Locker Freezing," especially prepared by home economist, Mabel Stegner.

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home a little longer, or thinking to warn them, wail—as I heard one do: "Think what you'll be giving up! No more good times. Not so many nice clothes, even. Marriage is always a sacrifice, remember—" The girl married anyway, but she did remember. Marriage was always a "sacrifice" to her, and she has made her own life and that of her husband miserable.

We should, of course, warn our offspring that marriage is *not* one long honeymoon. This comes as a rude shock to many women. Surely there would be fewer disillusionments, fewer painful quarrels, fewer separations, if all of us, mothers and fathers alike, would coach our daughters for that inevitable time: "No matter how madly a man adores you, it will come. And it won't mean that your marriage was a mistake, or that he loves you any less. Only that he feels secure in you, as a man should. That he's too busy working for you to exert all the effort he did before. . . . But—the woman who keeps her husband comfortable, and herself attractive and pleasant to be with, can keep romance alive. Not in one big ecstatic wave, as at first—but as a sweet, steady, wonderful part of their living together."

Such advice, freely and honestly given by the two people closest to a girl, would be an invaluable wedding present.

In teaching your daughter to be a wife, are you teaching her that just *being* a wife is the best and freest state ever devised for a woman? That the aforementioned "bonds" of matrimony are, in reality, the keys to a joyous new freedom? Freedom to live openly and fully with the man she chooses. Freedom to have her own house, her own furniture, arrange her life at last in adult and independent patterns. Freedom, in most cases, from being a breadwinner. Sure, marriage frequently means economic worries, but undeniably the husband bears the real burden.

Personally, we don't want our daughter to marry too young. That, too, is part of the training. That she wait until she is old enough to make a sane choice—a man she can be proud of, who will be good to her, with whom she can share her many interests. Old enough, too, to have lived her girlhood to the hilt. We want her to be able to assume the responsibilities and privileges of marriage without regrets.

Are you training your daughter in that most important womanly art of all—getting along with a husband? Granted that all men are not alike, there are still certain fundamentals: A cheerful disposition. Praise and encouragement. Tact, affection. And on the negative side—refraining from nagging, from criticism, from disloyal complaints to others, from being drawn into arguments.

Surely we would see a whole generation of happier marriages if all of us would assume this responsibility now and not lose sight of it. If we, the mothers and fathers of America, would seriously begin girding our girls to be wives!

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A SIZE AND STYLE FOR EVERY HOME!



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18 cu. ft. capacity

You pay no more for Amana extras!

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THINK! 6.9%

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Or write for informative literature to WHITE PRODUCTS CORP., Middleville, Michigan . . . Specialists in Water Heating Since 1930.

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Wonder tool for the handy man

The electric drill

With it you can draft electricity for almost every handy-man job, from drilling a hole to shining a car

By Louis Stockton

If nothing seems to get done around your home, and you blame it on your tools, take a good look at a newcomer to home workshops—the portable electric drill.

Here, in one tool, is the versatility required by the home handy man, who may mend a toy one day, repair a roof gutter the next, and the next day refinish an antique.

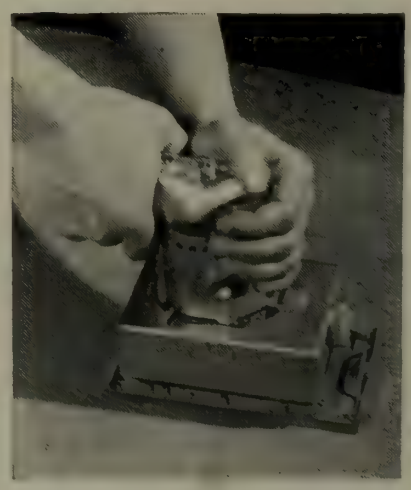
You need no special skill to use an electric drill. It is designed for one-hand operation, is light in weight, and is shaped so it may be easily gripped. You can use it anywhere you have access to house current. To change it from one tool to another, you merely release the chuck that holds the accessory, replace the accessory you don't want with the one you do want, and close the chuck. The more you use your drill, the more uses you'll add to those suggested in photographs that follow.

For most home uses, examine the light- and standard-duty portable drills designed for amateur handy men. They cost around $15 and up, with power and price increasing as the speed decreases. The most common chuck holds shafts up to ¼ inch, with adapters for accessories.

You have your choice of a vast number of accessories, from small bits and grinders at less than $1 to major converters beginning at about $10. Look, too, at the vertical and horizontal stands that will hold your drill stationary.

Your choice may be a handy-man kit containing the drill plus an assortment of standard accessories, at a price lower than that of the same pieces bought individually. Later you can add other attachments as you need them.

Specifically for the home hobbyist are small, featherweight, high-speed drills, handy for dozens of precision jobs in woodcrafting, model building, jewelry making, and electrical hobbies. These tools may be purchased at $10 and up, with accessories starting at less than $1.





It sands. A sanding attachment will spare you hours of handwork. Flat sander (left) converts rotary to oscillating motion, polishes wax, too. Abrasive bands (right) sand curves or irregular surfaces. Rotary-action disc (background) has flexible backing. Make sure sander fits drill



Drills. Basic purpose of drill is to bore clean, sound holes, very fast, wood, metal, or masonry. Here, a 3/8-inch drill bores a bolthole. th special bits, you can drill up to 1-inch holes in wood. Avoid gh break-through by releasing pressure before bit grabs the last chip



or metal drilling, use high-speed steel bits; they'll work in wood, too. ubricate as directed to control friction heat. Drill only up to rated ca- acity; for larger holes, use a hole saw. Vertical bench stand lets you do recision work, frees one hand to guide work and apply lubricant

Photographs: Stanley



n masonry, a carbide-tip bit drills an accurate hole rapidly. To drill in lass, fit a hole-size copper tube in chuck, smear glass with valve rinding compound, and go to work. Or make a glass drill bit by squar- ng off end of a three-cornered file and grinding end to make three points

More on next page



What do you mean by "RED"...



a bold, vibrant shade?

a soft, warm color?

a light, delicate tint?

RED can mean all of these things . . . and a hundred more! When you ask for red interior paint, you don't mean just *any* red. You mean a special, *specific* red . . . to match your draperies, to harmonize with your slipcovers or to contrast with your rug.

Now at last you can *get* that red! . . . *or any other shade of any other color* . . . prescription-mixed and ready to use in the finest quality paint! From *hundreds* of actually painted color samples, you can quickly select or match whatever color you wish at the Nu-Hue Color Bar.

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BEFORE YOU DECORATE . . . See these specific reds recommended by the nation's leading interior designers and color consultants for up-to-date interiors. NU-HUE CUSTOM COLORS No. 500, 502, 882, 904.

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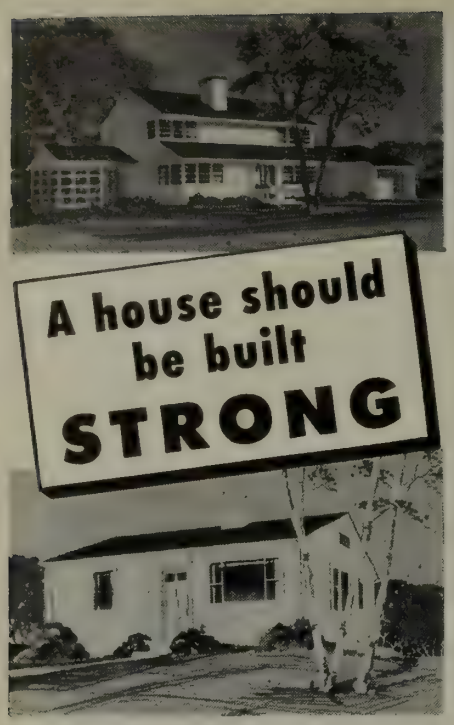
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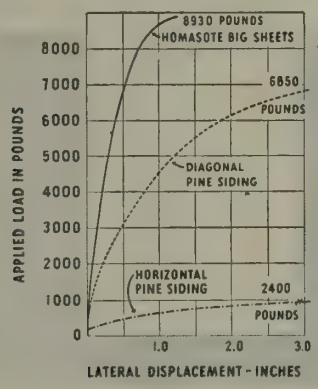


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The Big Sheets of Homasote literally "weld" the many individual pieces of the frame construction into one solid unit. The walls act as beams. Even a settling of the ground does not cause cracks.



This chart is based on tests made by the Research Laboratory, Department of Civil Engineering, Columbia University. It shows that Homasote Big Sheets offer far greater strength than conventional sidings — with a minimum of lateral displacement even under maximum stress.

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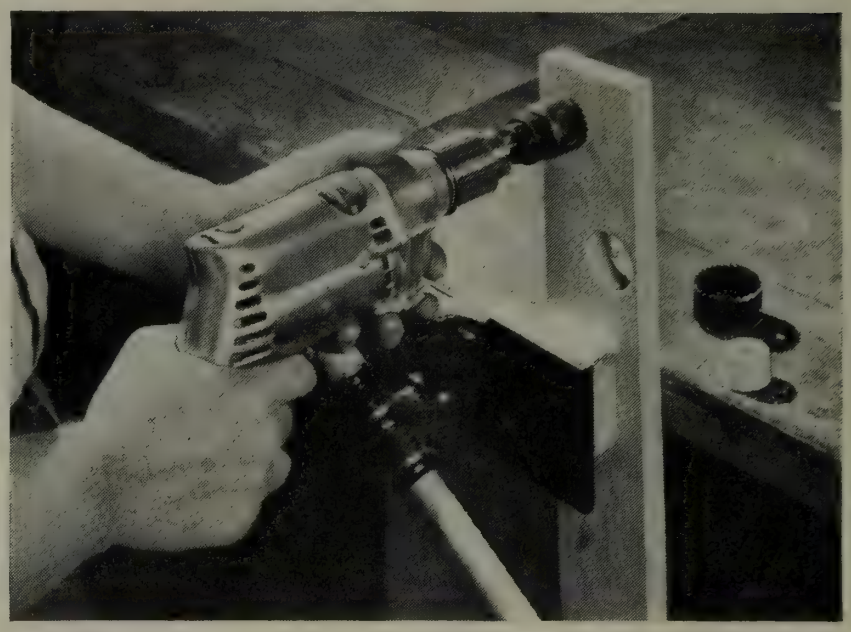
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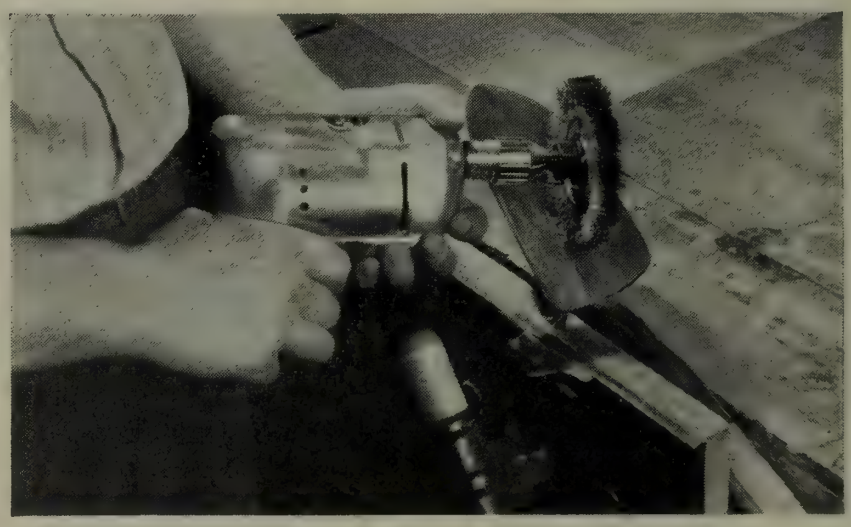
CITY & ZONE STATE

The electric drill

Begins on page 220



It saws. Hole-saw attachments cut holes up to two inches in diameter. Guide drill in center helps you locate holes accurately. Still another attachment converts rotary action to back-and-forth action; it holds saw blades for straight or pattern cuts in wood, metal, linoleum, wallboard



It scrapes. To whisk away rust, scale, old paint, or even to clean up that fire-blackened coffeepot, check brush accessories. Here, a wire brush cleans a rusted garden trowel. Finer wire brushes can be used to put a satin finish on metals or to clean stubborn spillovers from kitchen range



It cleans. Removing tarnish from silverware, jewelry, or brass is easy if you use a rag buffing wheel plus a polishing compound. Horizontal stand holds drill firmly and frees both hands for guiding work. Peg in the handle of drill locks trigger so motor runs until trigger is released

More on next page



"A treasure chest" for any lov of canaries—a chest so pack with golden song that it's *pr ferred* by 7 out of 10 cana owners!

Here is a *complete* diet not a few common seed French's Bird Seed and Biscu is a diet of the twelve test ingredients that keep your healthy and happy.

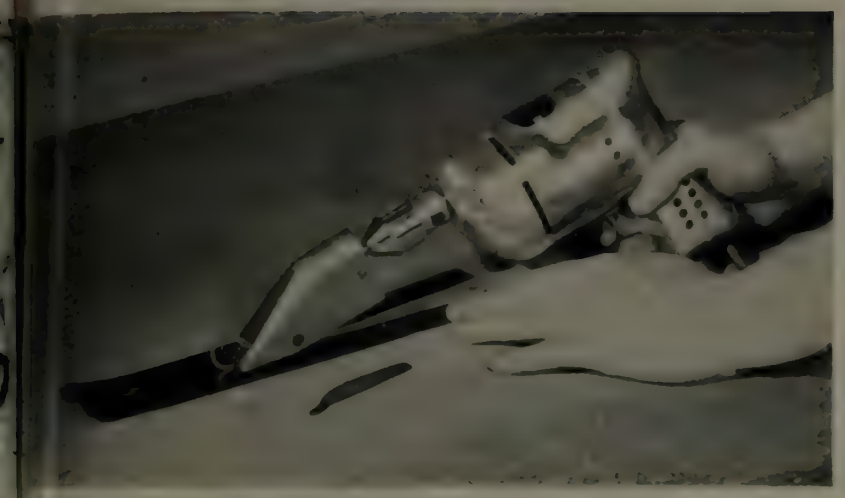
And a canary that is healt and happy is a canary th *sings*—brightly, thrillingl You can prove that: just fe French's Bird Seed and B cuit for ten days—and *liste*

*This **PLUS** in the package means song in your home!*

Watch your canary go for the French's Bird Biscuit, so richly packed with ingredients he needs and enjoys. When fed with French's Bird Seed, it *completes* his diet.



French's
BIRD SEED
and **BISCUIT**
THE LARGEST-SELLING BIRD SEED IN AMERICA



uts. Metal-cutting attachment makes drill a snipper for accurate
in a straight line or on curves with a radius down to 1½ inches.
tal doesn't curl up. Snipper blades are easily replaced when dull.
inside cuts, bore hole and insert blade. Oiling surface eases job



pounds. Changing rotary to tapping action puts several more power
ols in your hands. You have a wood chisel with light, steady action.
ou have a cold chisel for shaping flagstones, bricks, or tiles, You have
center punch, a riveter, even a hammer for hand-hammering copper



clips five feet of hedge per minute, and all you have to do is guide
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More on next page

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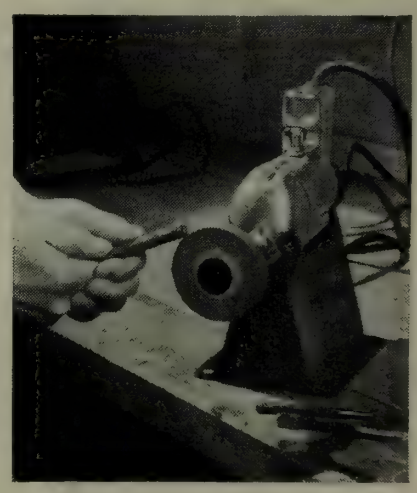
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The electric drill

Continued from preceding page



It polishes. For a bright, durable shine on furniture, floors, car, or even shoes, buff wax with plastic or rubber disc covered with a lamb's-wool bonnet. If backing disc is flexible, you do a better job on curves. Keep drill moving, and for high luster tilt slightly to take advantage of dry outside edge



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It files. Finely machined file attachments smooth rough metal edges. They are especially valuable when you run into a special problem, like routing out a section of pipe. Note also, in foreground, the odd-shaped grinding stones that come in handy for unusual sharpening or shaping



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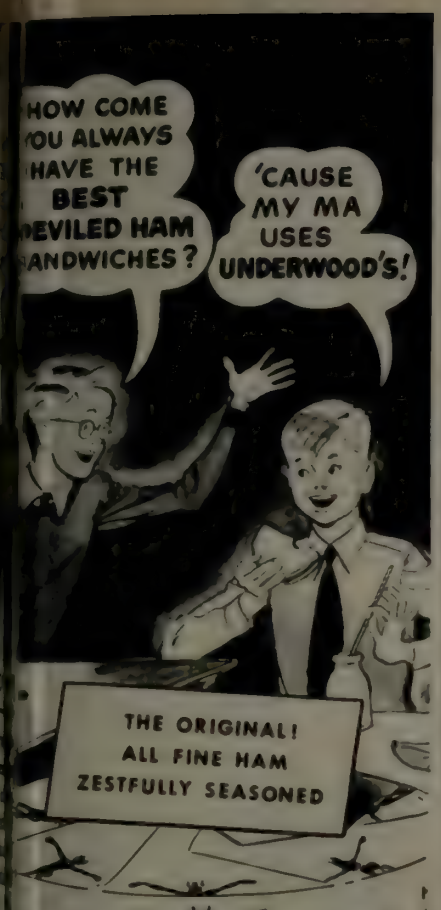
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Cake recipes

Continued from page 209

vanilla. Top frosted cake with moist, shredded pink coconut. To color coconut: Half-fill small glass jar with coconut. Dilute food coloring, 1 drop to 2 tablespoons water. Sprinkle a few drops on coconut. Cover jar. Shake till coconut is evenly tinted. Spread on absorbent paper toweling.

Feather Devil's Food Cake

½ cup shortening
1 cup white sugar
½ cup brown sugar
2 beaten eggs
1 teaspoon vanilla
3 1-ounce squares unsweetened chocolate
½ cup hot water
2 cups cake flour
¼ teaspoon salt
1 teaspoon soda
⅔ cup sweet or sour milk

Thoroughly cream shortening and sugars; add eggs and vanilla; beat until fluffy. Melt chocolate in hot water over low heat; blend thoroughly and cool slightly. Add to creamed mixture. Add sifted dry ingredients alternately with milk, beating well after each addition. Place in 2 waxed-paper-lined 9-inch round layer-cake pans. Bake in moderate oven (350°) 30 to 35 minutes. Put layers together and frost with Seven-Minute Frosting. Decorate with shaved unsweetened chocolate.

Seven-Minute Frosting

2 egg whites
1½ cups sugar
1½ teaspoons light corn syrup or ¼ teaspoon cream of tartar
⅓ cup cold water
Dash of salt
1 teaspoon vanilla

Place all ingredients except vanilla in double boiler; mix thoroughly. Cook, beating constantly with rotary or electric beater until mixture forms peaks, about 7 minutes. Remove from heat; add vanilla; beat until spreading consistency.

Pineapple Chiffon Cake

2¼ cups cake flour
1½ cups sugar
1 teaspoon salt
3 teaspoons baking powder
½ cup salad oil
5 unbeaten egg yolks
¾ cup unsweetened pineapple juice
1 cup egg whites
½ teaspoon cream of tartar

Sift dry ingredients into mixing bowl; make a well in dry ingredients. Add salad oil, egg yolks, and pineapple juice in order given. Beat until satin smooth. Combine egg whites and cream of tartar in large mixing bowl. Beat until they form *very stiff peaks* (stiffer than for meringue or angel cake). Fold egg-yolk batter gradually into egg whites. Bake in 10-inch tube pan in moderately slow oven (325°) 55 minutes, then in moderate oven (350°) 10 minutes. Frost cool cake with Pineapple - Butter - Cream Icing.

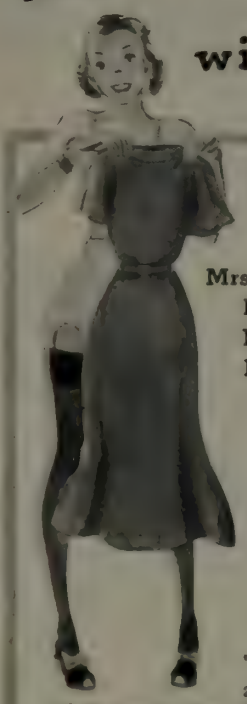
Pineapple-Butter-Cream Icing

Cream ½ cup butter or fortified margarine and 4 cups sifted confectioners' sugar. Stir in 6 tablespoons well-drained crushed pineapple and 1 to 2 tablespoons pineapple juice. Beat thoroughly. Spread on top and sides of cake. Decorate with pineapple daisies.

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*of Minneapolis, Minnesota



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*of Bay City, Michigan



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A confidential message to women

(all women!)

The male of the species lags far behind the other sex in one respect at least. He refuses to simplify his daily clothing. Lovely woman, on the other hand, each year reduces her garments in weight or in bulk or in number.... And finally this simplification has reached the harness of supports and fastenings endured so rebelliously "every month."

If you are a rebel, too, you will be more than intrigued by the discoveries of the physician who invented *Tampax*. As a matter of fact, the basic principle of "internal absorption" was quite well known, but this doctor perfected it to such a degree that women could use it right in their own homes by means of slim, white, disposable applicators containing nothing but pure surgical cotton of great absorbency.

Just imagine yourself forever free from the burden of belts, pins and external pads—no odor, no chafing, no disposal embarrassment.... Just imagine yourself taking showers and tub-baths any time at your own sweet will without bothering to remove the Tampax. And imagine the relief when you know *absolutely* that the smoothest, snuggest gown or swim-suit can't reveal a bulge or edge or tiny wrinkle caused by Tampax!

The trained nurses know the facts about Tampax, so it is no surprise to find that a large percentage of nurses surveyed, use this product. Young mothers form another enthusiastic group—also students in the famous women's colleges and the big universities of the South and West.

Science is wonderful when on "difficult days" it can ease a woman's mind, increase her social confidence and let her do her work better, whether the job may be in an office, at school or at home. . . . She slips a month's supply of Tampax into her purse and is all prepared for an emergency. Make a note of it now; sold at drug or notion counters. Tampax Incorporated, Palmer, Mass.

(ADVERTISEMENT)

What you should know about

Rugs and carpets

By Helen Aves

Your rug can set the color scheme and the atmosphere of your room (page 50) so choose the rug with care. You can change the colors in your upholstery, slipcovers, and walls easily, but you'll want to use the same rug for years. A good quality rug is never overspending if you get what you want.

If you're in the market for a rug, stop, look, and consider these pointers before you go shopping.

What color should the rug be?

Choose gay and cheerful or deep and peaceful colors—whichever you prefer. Colors with character are as practical in rugs as dull colors.

The neutral grays, tans, beiges, and off-whites act as foils for bright accents in your draperies and accessories. You'll find they give a room a smart, restful background and make it look larger, too.

Soft green, rich brown, gray-blue, blue-green, and dusty rose are good bets if you're looking for a safe, long-term rug color. Generally you'll find these middle-value colors.

Cherry, cerise, seal brown, plum, bottle green, charcoal, tobacco, cinnamon, and chocolate brown are full-bodied, high style colors that will give your room a lift and a flair.

Any rug color, particularly in wool, will soften and gray down a bit after a few weeks or months on your floor. It's best to choose a shade slightly richer or brighter than you actually want to allow for graying.

Should the rug be textured?

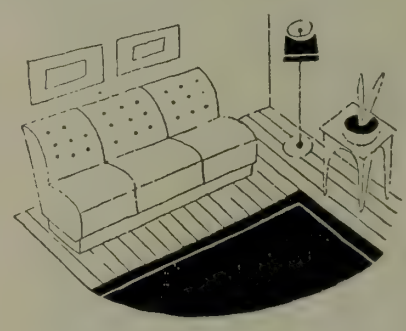
Rugs are available in new textures—from deep sculptured pile to downright shaggy weaves—so look over the new textures before you decide what kind of rug you'll buy.

Wool or nylon textured rugs get a pebbly, tweedy look by using pile of different heights, cut and uncut pile, and twisted yarns. Sculptured rugs actually have patterns shaved or carved out of their pile. Both textured and sculptured rugs are practical, too, because the patterns won't fight with figured walls and upholstery, and their uneven surface shows less tracking than a smooth one would.

A smooth weave, such as velvet, has a lush, luxurious look and feel – and it's impressive in a formal room or period room. It's useful to tie a room with many jogs into one unit. And smooth weaves—despite the challenge of textured rugs are smart and correct. Whether you choose a nubby or smooth rug is up to you.

What is the best size rug?

Wall-to-wall carpeting gives furniture a luxurious look, makes the room seem larger, and minimizes the cut-up appearance of an irregularly shaped room.



Rug too small



Correct size rug

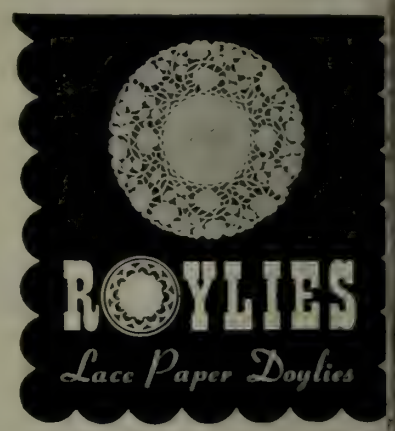
Room-sized rugs (carpeting or ready-made rugs), laid not more than 8 to 12 inches from the wall in a large room or 4 to 6 inches in a small or medium-sized room, give the room a well-furnished look. Room-sized rugs with a border pull in the apparent floor space – so they're good bets in a large room.

Scatter rugs show off decorative floors—wide planks, black-stained or spatter-dashed finish, marquetry, tile. Small rugs also have a homey charm. Be sure not to use too many or too tiny scatter rugs; fewer rugs of a larger size always look better. Lay scatter rugs on straight lines parallel to walls and each other or to groups of furniture. Place them about one foot apart. Always be sure they're related to furniture groupings, but



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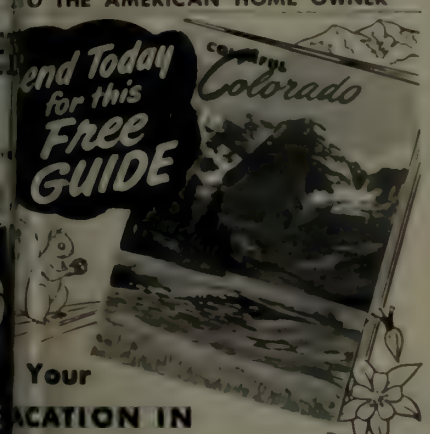
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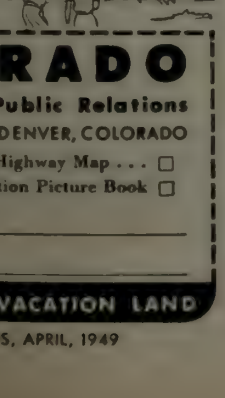
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aren't laid so the chairs will turn over the edges. Be certain to use nonskid pads under them.

How long will the rug wear?

Wear in a rug depends on three things—the compactness of the weave, the thickness of the pile, the materials used in the rug.

Press a finger into the surface of the rug to determine the compactness of the weave and the thickness of the pile. Or walk on the rug—a high, closely packed pile is springy underfoot.

You can tell the materials used from the label on the rug. Here's a handy guide to the different kinds of materials.

Wool is resilient and not easily worn out. Wool rugs absorb noise. A good wool or wool-mixture rug, whatever its surface appearance, has a thick pile that feels springy when you squeeze it. Density of pile is more important than its depth, since many fine rugs have short pile, many poor rugs have long pile.

Mohair (which comes from the Angora goat) is a lustrous, resilient, long-wearing yarn and often has a silky sheen.

Silk itself has a lovely sheen—but it won't stand heavy traffic. You'll find silk used most often in Oriental rugs.

Cotton is fairly firm and less springy than wool. Cotton is mixed with wool in inexpensive domestic rugs or used alone in braided, hooked, shag, or chenille rugs. Cotton cleans or launders beautifully. Best quality shag rugs are shrinkproof, have heavy canvas backs and stitching in straight close rows. Best quality braided or hooked rugs lie perfectly flat.

Linen, fiber, and *grass* rugs come in smart plain colors and patterns suitable for year-round use in Modern and in warm-climate homes. They're closely woven to take lots of wear; most are reversible and hard to soil. A good rug of linen, grass, or fiber, or a mixture of any of these materials with cotton or wool, has straight edges, lies perfectly flat, feels thick and heavy in the hand. Both sides are equally well-finished without knots or stray ends showing. A pure linen rug is mothproof and guaranteed fireproof.

Nylon rugs are newcomers to the rug field. Nylon carpeting has a frosty look, an unlimited color range, and a luxurious spring. Nylon is extra durable, smooth-fibered. It's easy to clean, slow to soil. Nylon rugs are shrinkproof, practically mothproof, and non-inflammable.

Rayon rugs are made from special rayon fibers that are heavier and sturdier than dress rayons. Rayons are used alone or blended with wool, cotton, or other fibers.

What weave should you choose?

Don't judge quality of the rug by its weave. In each weave there are high and lower grades, so no one weave is best. Each weave, though, has special characteristics, and one weave may suit you better than the others. Broadloom is *not* a special weave or brand name. It's simply a term used to describe any carpet

[*Turn to page 264*



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The story of a house



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Step by step you see the living room take shape. The Watsons' color scheme and furniture arrangement will give you ideas for your own h

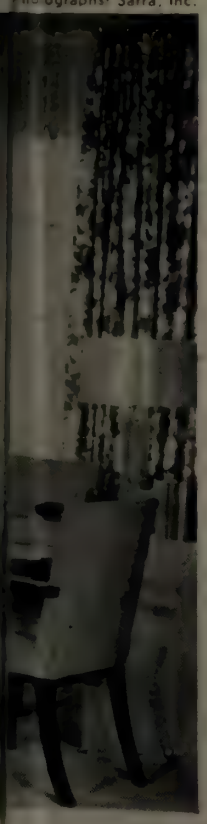


u see how Mrs. Watson achieved this dining area in her home with
na and storage cabinet, expandable table, chairs to use anywhere



Plywood paneling, sturdy desk, easy chair, lamps, tables, even the bunk bed that can be twins make this boy's room one that will be suitable for years

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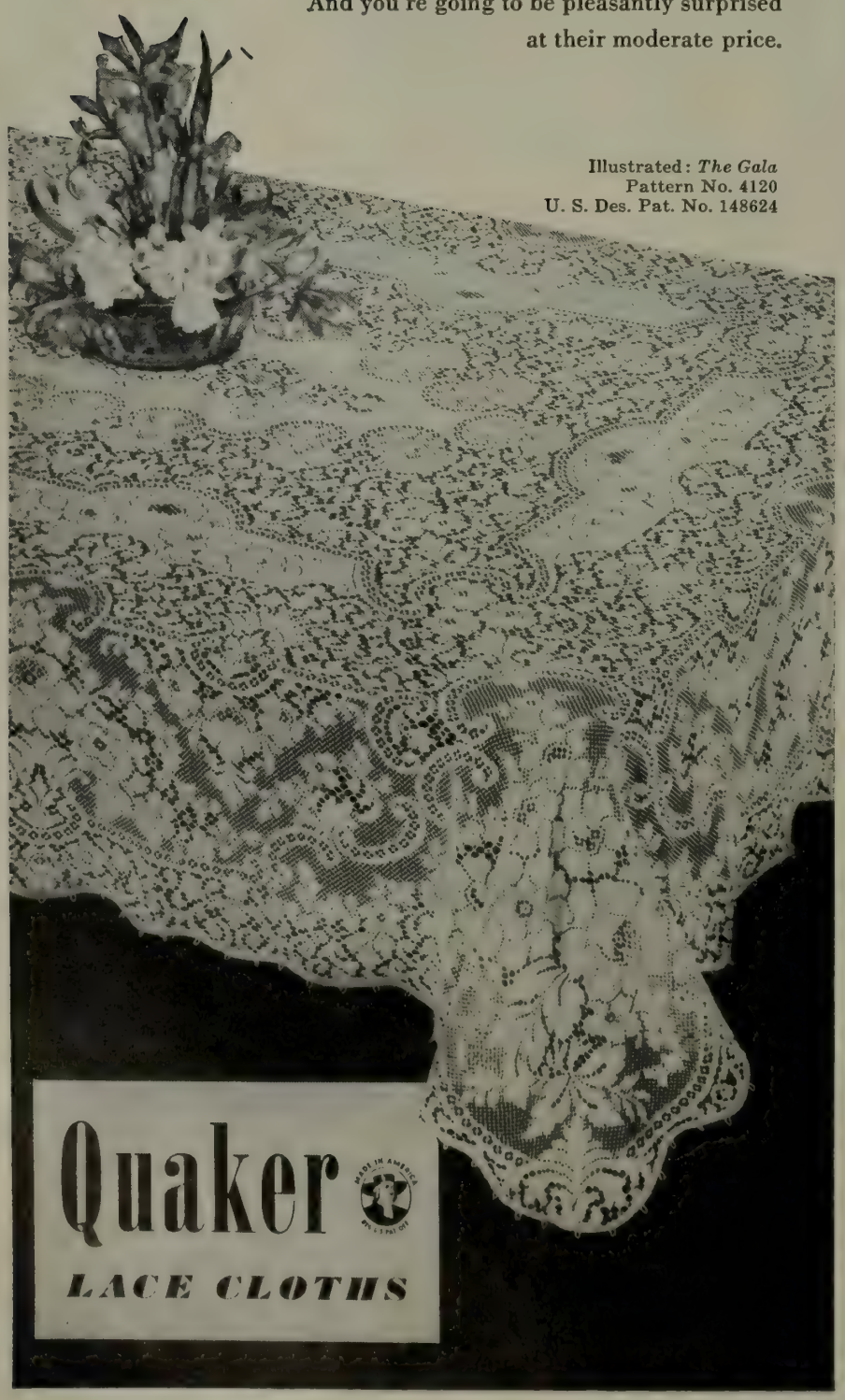
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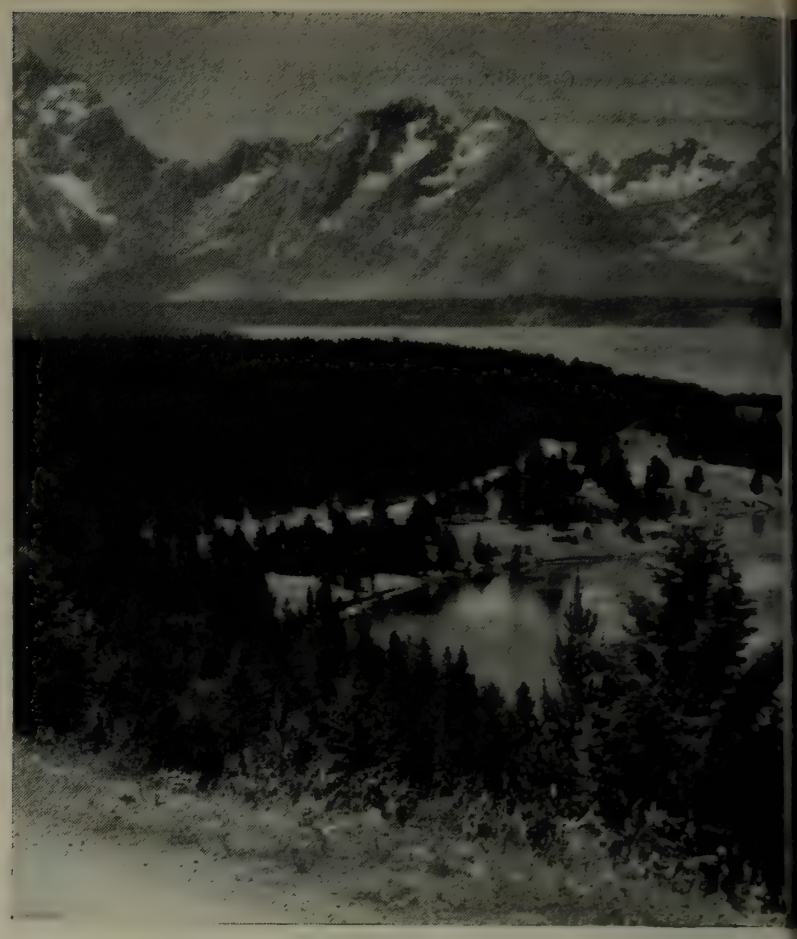
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12 days through the Northern Rocki



(How to see the Rocki
begins on pag

(Total mileage, Colorado Springs to Rapid City, 2,324. Optional Route: By omitting Glacier National Park and going from Yellowstone to Billings, you can save two days and about 850 miles, or have two extra days at the other attractions or for side trips.)

What you'll see

Colorado Springs

For the average tourist the principal points of interest are Pike's Peak, Garden of the Gods, Cave of the Winds, Seven Falls, and the Museum, Zoo, Will Rogers Shrine and Cheyenne Lodge—these latter all on Cheyenne Mountain. Unless high altitudes bother you, ascend Pike's Peak, by cog railway, by bus, or your own car, for the marvelous view from its 14,110-foot vantage point. Ga[rden] of the Gods, whose sharply p[ointed] thrust red sandstone forma[tions] pierce the flat plain, should be seen in the forenoon, especia[lly] if you wish pictures including P[ike's] Peak in the distance. Cave o[f the] Winds, nearby, is a commerci[al] attraction, as are most hereab[outs].

[*Turn to pag*



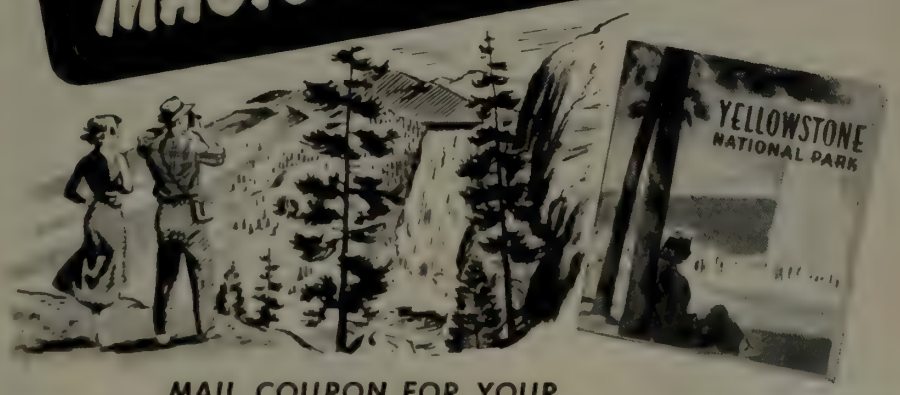
ll, sharp, rugged, and forbidding, the Tetons look as mountains should. re they rise abruptly 7,000 feet above the clear, blue waters of Jackson Lake

Day-by-day schedule	*Miles*
1st DAY—AT COLORADO SPRINGS . . . (approximately)	100
Make either the Pike's Peak trip or see the Garden of the Gods, Cave of the Winds, Seven Falls, and Cheyenne Mountain attractions, in that order.	
2nd DAY—COLORADO SPRINGS TO DENVER TO ROCKY MOUNTAIN NATIONAL PARK	147
U.S. 87 through Denver to State 66 north of Longmont, 66 to Estes Park, into Rocky Mountain National Park by Big Thompson entrance.	
3rd DAY—AT ROCKY MOUNTAIN NATIONAL PARK	95
Visit the Bear Lake region, hike to Nymph and Dream Lakes. Drive to Summit on Trail Ridge Road and return to your stopping place for the night. (Either in the national park or at Estes Park.)	
4th DAY—ROCKY MOUNTAIN NATIONAL PARK TO LANDER, WYOMING	365
Get early start. U.S. 34 Estes Park to Loveland, U.S. 87 to Ft. Collins, U.S. 287 to Laramie, U.S. 30-287 to Rawlins, U.S. 287 to Lander. Allow at least nine hours.	
5th DAY—LANDER TO GRAND TETON NATIONAL PARK	157
U.S. 287 to Moran, over Togwotee Pass (9,658 feet), south on U.S. 89 to park entrance. If you have no reservations at the Park, better check in at Moran.	
6th DAY—THE TETONS TO YELLOWSTONE CANYON	79
Spend until 10 o'clock at Tetons, when they are in best light. U.S. 89 to West Thumb, in Yellowstone. Much of this is slow road. West Thumb to Lake Junction and Fishing Bridge, on to the Canyon.	
7th DAY—AT YELLOWSTONE	80
Canyon to Norris Junction, Norris to Madison Junction, Madison to "Old Faithful" and Geyser Basin area, back to Madison and west to west Yellowstone.	
8th DAY—WEST YELLOWSTONE TO GLACIER PARK STATION	371
U.S. 191 to Bozeman, U.S. 10 to Three Forks, U.S. 10N to Helena, U.S. 91 to Wolf Creek, State 33 to Choteau, U.S. 89 to Browning, U.S. 2 to Glacier Park Station.	
9th DAY—AT GLACIER NATIONAL PARK	140
First, into Two Medicine Lakes, back to main road and north to St. Mary, west along Lake to Logan Pass, back to main road and north to Many Glacier area, back to Glacier Park Station or Browning.	
10th DAY—GLACIER PARK STATION TO BILLINGS, MONTANA	368
U.S. 89 Browning to Great Falls, U.S. 87 to Billings. A hard day's drive.	
11th DAY—BILLINGS TO NEWCASTLE, WYOMING	322
U.S. 87 to Sheridan, Wyoming, U.S. 14 to Moorcroft, U.S. 16 to Newcastle. Start early; not all fast road.	
12th DAY—NEWCASTLE TO MT. RUSHMORE TO RAPID CITY, SOUTH DAKOTA	100
U.S. 16 to Mt. Rushmore turnoff, back to U.S. 16. Mt. Rushmore is best before noon. You should have time to visit Sylvan Lake and the Pinnacles.	
OPTIONAL ROUTE	
6th DAY—THE TETONS TO YELLOWSTONE, OLD FAITHFUL	64
Same route as above except go from West Thumb to Old Faithful area for the night.	
7th DAY—AT YELLOWSTONE	45
Old Faithful and Geyser Basin to Madison Junction, to Norris Junction, to Yellowstone Canyon and Falls.	
8th DAY—YELLOWSTONE TO BILLINGS, MONTANA	174
Canyon to Tower Falls, to Silver Gate, then U.S. 12 to Billings, over Beartooth Mountains (10,940 feet).	
9th and 10th DAYS, SAME AS ABOVE 11th and 12th	422

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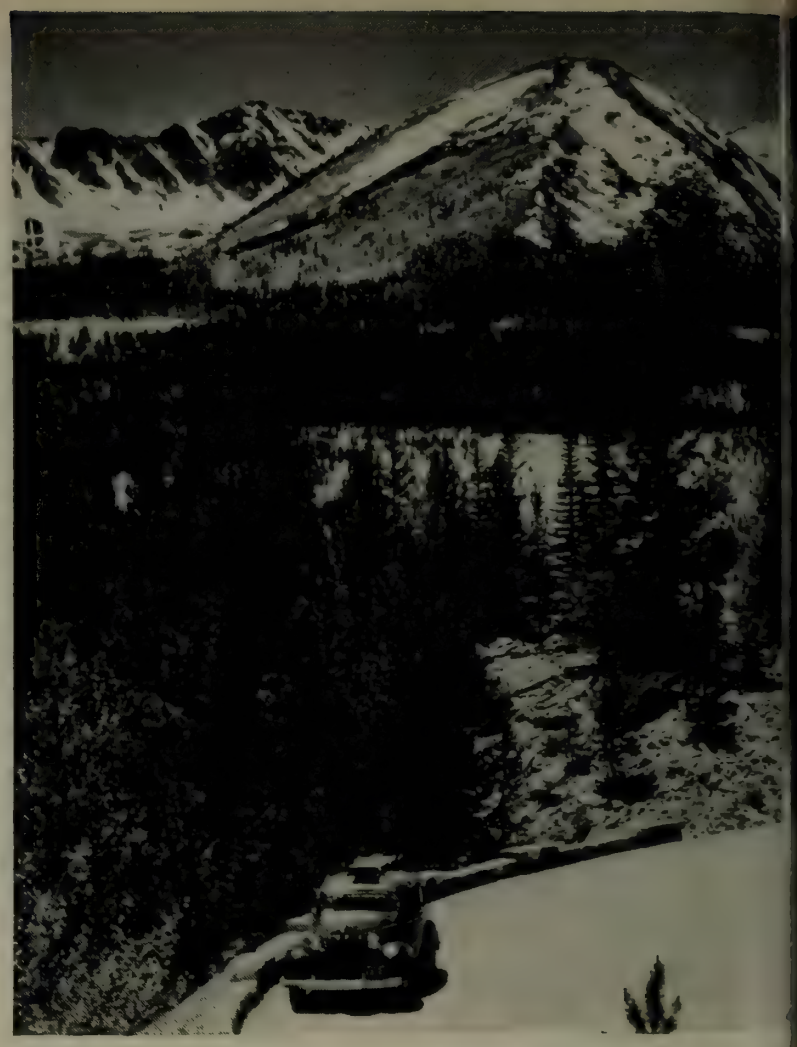
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12 days through the Central Rockie



(Total mileage, C Springs to Pueblo, 8 trip can be made in n if only one day is s Colorado Springs and Rocky Mountain Nation

What you'll see

Colorado Springs

See list of attractions under northern route. In addition there are the usual resort city attractions in and around Manitou Springs, one of the most popular being the inclined railway to the top of Mt. Manitou, 3,000 feet above town. The cog railway up Pike's Peak starts at Manitou. If you drive your own car up Pike's Peak, follow U.S. 24 through Manitou to Cascade ($11\frac{1}{2}$ miles), then u Pike's Peak highway to the mit, 18 miles beyond Cascad road is safe but steep, with hairpin turns and switchbac last 7 miles.

Denver

Visit the Capitol Buildin plate in one of the steps of th portico reads "One mile abo level.") The impressive

[*Turn to pa*



lthough you climb to 12,000 feet on Trail Ridge Road in Rocky Mountain ational Park, there are 32 peaks in the park whose summits poke even higher

low to see the Rockies—begins on page 44)

Day-by-day schedule	*Miles*

1st DAY—AT COLORADO SPRINGS **25**

Pike's Peak. Drive your own car if you are adventurous. You will enjoy the trip more by cog railway or bus.

2nd DAY—AT COLORADO SPRINGS **75**

Visit Garden of the Gods, Cave of the Winds, Seven Falls, Cheyenne Mountain, preferably in that order.

3rd DAY—COLORADO SPRINGS TO DENVER TO ROCKY MOUNTAIN NATIONAL PARK **147**

U.S. 87 through Denver to State 66 north of Longmont, 66 to Estes Park, into Rocky Mountain National Park. You can save time by entering the national park at the Big Thompson rather than at the Fall River entrance. If you do not have reservations, get to the park early in the afternoon; accommodations are limited. If nothing is available return to the town of Estes Park.

4th, 5th, 6th, and 7th DAYS—AT ROCKY MOUNTAIN NATIONAL PARK **110**

Plenty of time for hikes into the best of the Park, all starting at Bear Lake. Fourth day, to Nymph and Dream Lakes; fifth day, to Lock Vale area; sixth day, to Odessa and Fern Lakes, with someone to meet you with a car at end of road in Moraine Park below Fern Lake to avoid the climb back to Bear Lake. The last day, you may want to wet a line in Bear Lake, and you might catch a fish.

8th DAY—THROUGH ROCKY MOUNTAIN PARK TO GRAND LAKE (Trail Ridge Road) **48**

You will want to make many stops—at Iceberg Lake, at the Summit (12,138 feet), at the museum, and down the slopes beyond Milner Pass, along the headwaters of the Colorado River. Take your lunch. You will have the later afternoon at Grand Lake.

9th DAY—GRAND LAKE TO IDAHO SPRINGS **75**

U.S. 34 to Granby, U.S. 40 to Idaho Springs, over beautiful Berthoud Pass (11,314 feet), one of the finest drives in the Colorado Rockies. Leave Grand Lake by noon, this is a slow road. Get to Idaho Springs early to assure choice of lodging.

10th DAY—IDAHO SPRINGS TO ECHO LAKE, CENTRAL CITY AND BUFFALO BILL'S GRAVE AND MUSEUM **100**

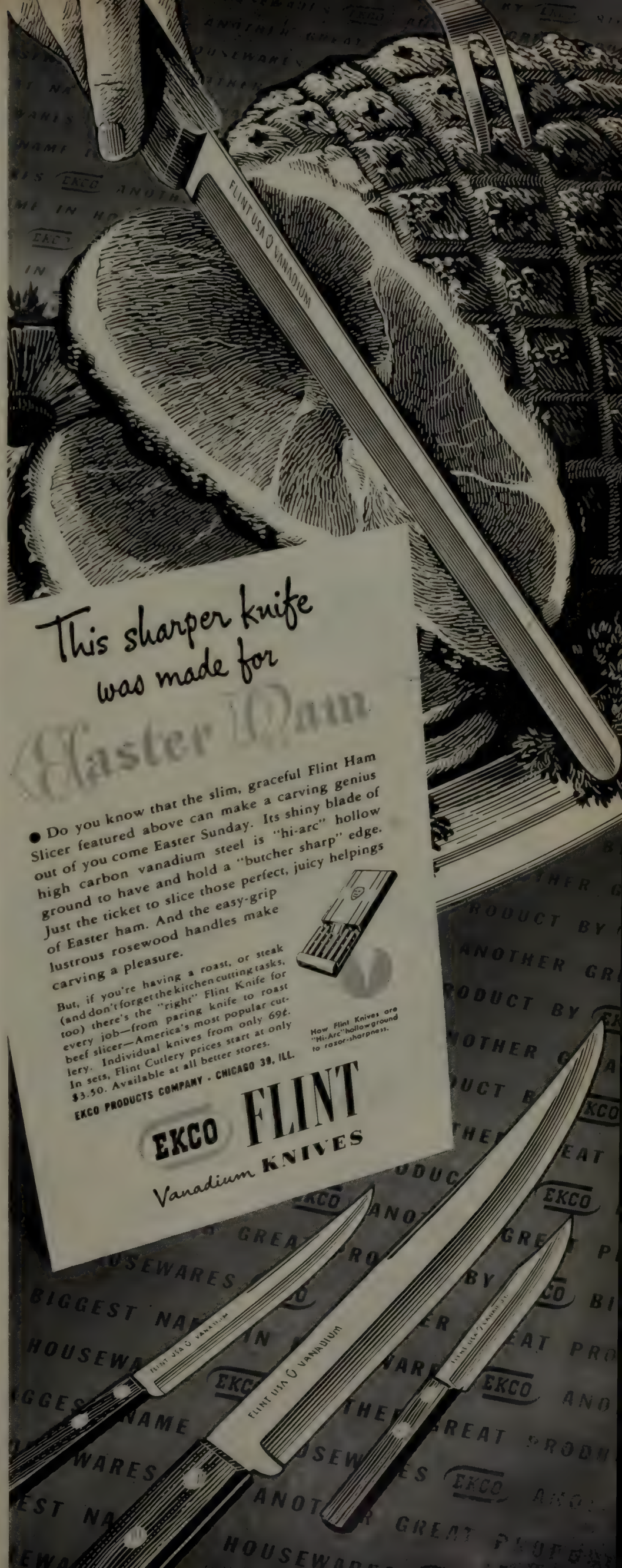
West to State 103 to Echo Lake. This is the Mt. Evans road, but do not go beyond Echo Lake without inquiring about road. It's a tough drive at best. Back to Idaho Springs, east on U.S. 40 to Central City road, from Central City back to U.S. 40 and east to Buffalo Bill's grave. Return to Idaho Springs.

11th DAY—IDAHO SPRINGS TO SALIDA **190**

U.S. 40 west to junction with U.S. 6, left on 6 to Dowd, over Loveland Pass (11,922 feet), left on U.S. 24 to Leadville (drive around town), on to junction with U.S. 285 below Buena Vista, U.S. 285 and 291 to Salida.

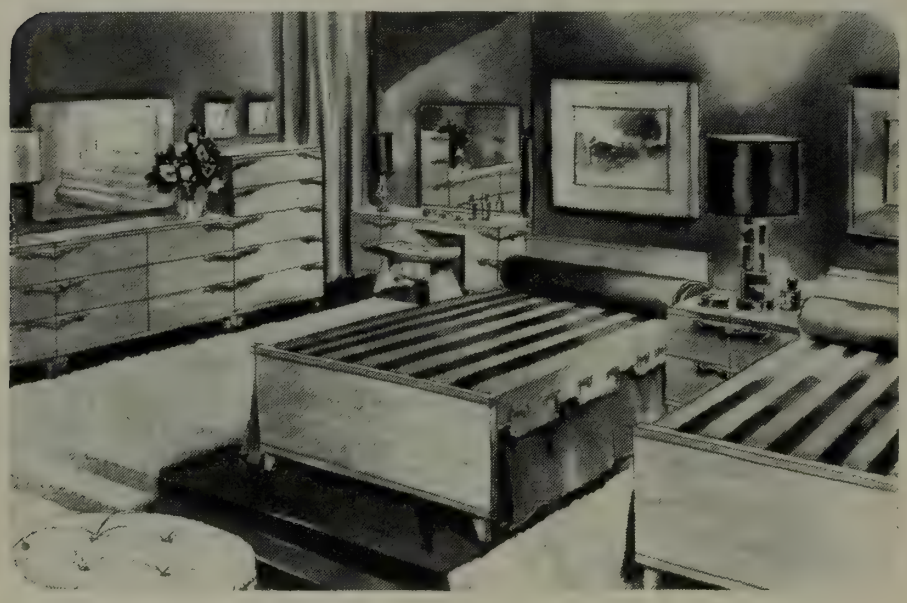
12th DAY—SALIDA TO ROYAL GORGE TO PUEBLO **100**

East on U.S. 50 to Royal Gorge Junction (about 47 miles), south to Royal Gorge, back to U.S. 50 and on to Pueblo.

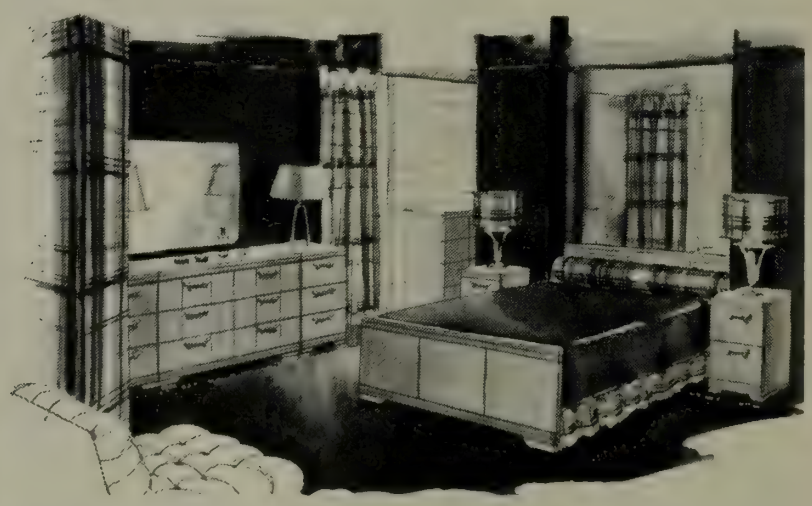


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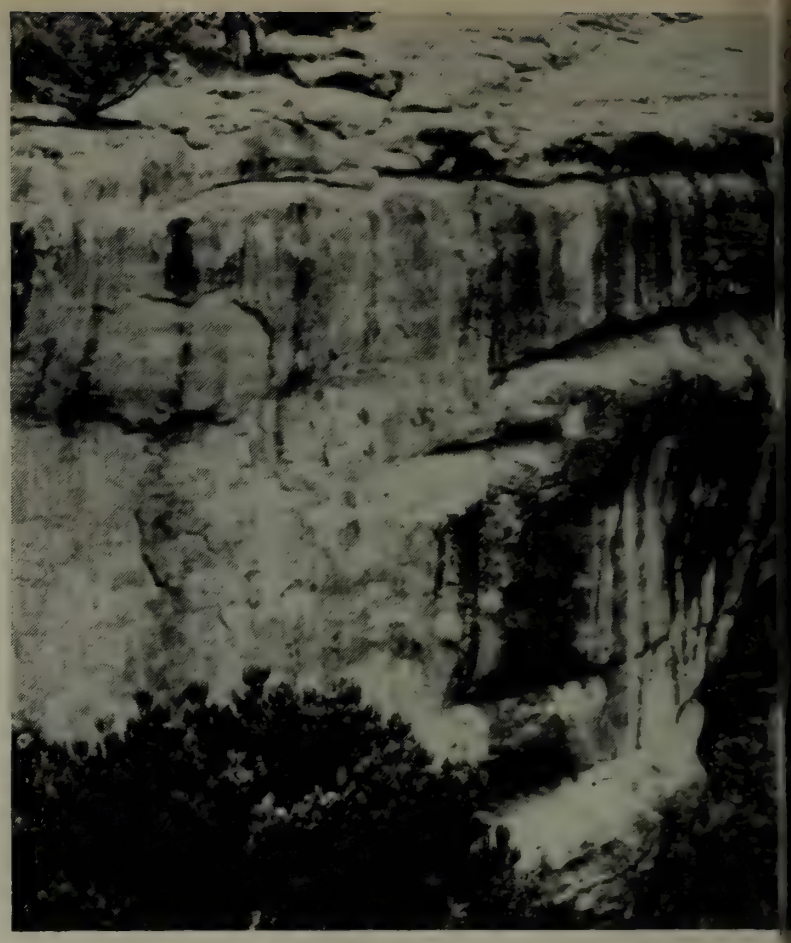


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13 days through the Southern Rocki



(Total mileage, Cc Springs to Pueblo, 2,34 day can be saved if onl rim of Grand Canyon is v

What you'll see

NOTE: *See northern and central routes for: Colorado Springs, Denver, and Rocky Mountain National Park.*

Salt Lake City

If you want to have all the time you can for sight-seeing around Salt Lake City, extend your fourth day's drive an extra 125 miles to Vernal, Utah. This will leave only 185 miles for the fifth day, but will mean a hurried drive through Rocky Mountain National Park and only a brief stop at Grand Lake. Principal points of interest in Salt Lake City are the Mormon Temple grounds (a must), an exhibits in the state capitol.

Bryce Canyon National Par

This 1,000-foot-deep ampl ater is one great expanse of s palisades, cathedrals, and n bridges carved by the ele from the delicate pink and limestone of the area. Drive the view points, at least as Paria View; the formations general effects are entirely ent from each point. At the hi you stand some 9,000 feet sea level. Make at least one

[*Turn to pag*



tory comes to life beneath protecting cliffs of Mesa Verde in Southwestern
orado, where silent cities tell the story of a people who vanished long ago

w to see the Rockies—begins on page 44)

Day-by-day schedule	*Miles*
1st DAY—AT COLORADO SPRINGS Make either the Pike's Peak trip or see the Garden of the Gods, Cave of the Winds, Seven Falls, and Cheyenne Mountain attractions, in that order.	100
2nd DAY—COLORADO SPRINGS TO DENVER TO ROCKY MOUNTAIN NATIONAL PARK U.S. 87 through Denver to State 66 north of Longmont, 66 to Estes Park, into Rocky Mountain National Park by Big Thompson entrance.	147
3rd DAY—AT ROCKY MOUNTAIN NATIONAL PARK Visit the Bear Lake region. Hike to Nymph and Dream Lakes. If you have the time and energy, also hike to the Loch Vale area.	100
4th DAY—ROCKY MOUNTAIN NATIONAL PARK TO CRAIG, COLORADO Start early; you'll want to make many stops on Trail Ridge Road en route to Grand Lake. U.S. 34 Grand Lake to Granby, U.S. 40 to Craig, over Rabbit Ears Pass (9,680 feet).	198
5th DAY—CRAIG TO SALT LAKE CITY Start early in order to get to Salt Lake City in time to visit the Mormon Temple grounds. Late evening is a good time to see Great Salt Lake, 16 miles west. U.S. 40 all the way.	305
6th DAY—SALT LAKE CITY TO BRYCE CANYON NATIONAL PARK U.S. 91 to Nephi, State 28 to Gunnison, U.S. 89 to Bryce Junction, turn east to Bryce. Try to get there by 3 o'clock, so you can make some of the rim drives.	230
7th DAY—BRYCE TO ZION NATIONAL PARK Leave Bryce by 10 o'clock. Back to U.S. 89, south to Mt. Carmel Junction, west on State 15 to Zion. You will have time to make all the drives in Zion.	94
8th DAY—ZION TO NORTH RIM, GRAND CANYON Back to Mt. Carmel Junction, south on U.S. 89 to Jacob Lake, then on State 67 to North Rim. You should have time to visit two out of the four main view points.	123
9th DAY—NORTH RIM TO SOUTH RIM, GRAND CANYON Start early to allow for many stops along South Rim. Back to Jacob Lake, U.S. 89 to Cameron, west on State 64 to Grand Canyon.	215
10th DAY—GRAND CANYON TO GALLUP, NEW MEXICO Start early. State 64 south to junction with U.S. 66, east on 66 to Holbrook, turn right on U.S. 260 to south entrance of Petrified Forest, (19 miles) through forest to U.S. 66 and Painted Desert, east to Gallup.	297
11th DAY—GALLUP TO MESA VERDE NATIONAL PARK North on U.S. 666 to Cortez, Colorado, east on U.S. 160 to Mesa Verde entrance. You will have most of the afternoon for visiting the cliff dwellings.	160
12th DAY—MESA VERDE TO SALIDA, COLORADO Back to U.S. 160, east to Monte Vista, north on U.S. 285 to U.S. 50, east 5 miles to Salida.	269
13th DAY—SALIDA TO ROYAL GORGE TO PUEBLO East on U.S. 50 to Royal Gorge Junction, (about 47 miles), south to Royal Gorge, back to U.S. 50 and on east to Pueblo.	100



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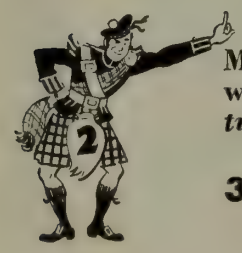
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13 days through the Southern Rockies

Begins on page 234

from Sunset to Sunrise Point will give you the feel of the place. All of the formations look different by morning light, so retrace some of the route covered the afternoon before.

Zion National Park

The towering walls and the vivid coloring of Zion hit you with an emotional impact as you stop to look out through windows cut in the mile-long highway tunnel. A series of switchbacks brings the road to the bottom of the canyon. Then, the road threads its way alongside the Virgin River to the Temple of Sinawava. Towering walls box you in, some more than 3,000 feet high, almost straight up. Stop along the drive for a good look at the more famous landmarks —Court of the Patriarchs, Great White Throne, Angels' Landing, and others. You may have time for a short hike part way up either the East or West Rim trails for different views.

Grand Canyon National Park

Grand Canyon cannot be adequately described—a great gash 4 to 18 miles wide and nearly a mile deep, with everything on a massive scale. Your first view will take your breath away. John Burroughs called it "The Divine Abyss." If you arrive on schedule, you will have time to visit two view points on the North Rim the afternoon you get there. Inquire of a ranger as to which you can make in the time you have. In going from the North to South Rim you cross the Colorado River over the famous Navajo Bridge, and pass through a corner of the N. Reservation. On the South the road skirts the canyon for 40 miles. Frequent turnouts le viewpoints. Make all of t they are all different. And be to go beyond the village 8 mi Hermit's Rest. See the s from some place along this drive. Art galleries, the House, and campfire festivitie occupy your evening. You wi have time for the mule trip the canyon as it requires a day.

Petrified Forest National Monument

Visit the museum and logs by and at least two of the separate forests. Each is diffe Petrified log chunks are si about the landscape, many of as colorful as gems.

Painted Desert

This seemingly endless ex of colorful mounds and hi stretches away to the distant zon for miles. One of the best is from highway 66. It is not n sary to make the rim drive.

Mesa Verde National Park

Nestling under overhanging are numerous cliff dwellings cupied by Indians some 6(1,000 years ago. Short drives to where you can view the l ruins, some of which can be v by trail. Mesa Verde will b cidedly different from any you've seen on the entire trip

Royal Gorge

(See Central Rockies trip.)

NOTE: Please see Northern Route for side trips A, B, C, and

SIDE TRIPS worth seeing (See small map, page 234)

		Added distance	A t
D	Dinosaur National Monument: on a side road from Jensen, Utah. Fossils in the museum are worth seeing if time permits.	15 miles	
E	Great Salt Lake: more noted for its salt than its beauty; 6 to 8 times saltier than the ocean. Interesting in late evening light.	35 miles	
F	Timpanogos Cave National Monument: beautiful formations of stalactites, stalagmites, and the less common helictites. A beautiful cave.	75 miles	
G	Cedar Breaks National Monument: similar to Bryce in color, but formations are less impressive.	60 miles	
H	Moencopi: The farthest west of the Hopi villages.	30 miles	
I	Oak Creek Canyon: often called Little Grand Canyon. A thrilling drive. From Flagstaff.	70 miles	
J	Montezuma Castle National Monument: one of the best preserved cliff dwellings. On south from Oak Creek Canyon. Make both as one trip.	70 miles (In addition to Oak Creek Canyon)	(In addi Oak C
K	Walnut Canyon National Monument: scattered remains of small cliff dwellings. From Flagstaff.	14 miles	
L	Sunset Crater National Monument: volcanic cinder cone. Can be seen from U.S. 89 north of U.S. 66, east of Flagstaff. Colorful just before sunset.	20 miles	
M	Wupatiki National Monument: extensive ruins of an old Indian pueblo. Off U.S. 89 above U.S. 66	60 miles	
N	Zuni Indian Pueblo: one of the oldest and largest inhabited pueblos. South from Gallup.	56 miles	
O	Yucca House National Monument: ruins similar to those in Mesa Verde; only partially excavated.	5 miles	



Just-a-view: Prince Albert National Park, Saskatchewan



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COME AND PLAY in this big, beautiful vacation land. Here are far horizons — *new* horizons — a million square miles of lakes and woods and mountains and shore. You'll travel scenic highways . . . cruise ancient waterways and picturesque coasts . . . watch wild life in great National Parks . . . visit friends and relatives . . . "pick up" precious woollens and handicrafts and furs. This year, enjoy an away-from-home vacation in this friendly foreign land.

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VIRGINIA

. . . is lovely in the Spring

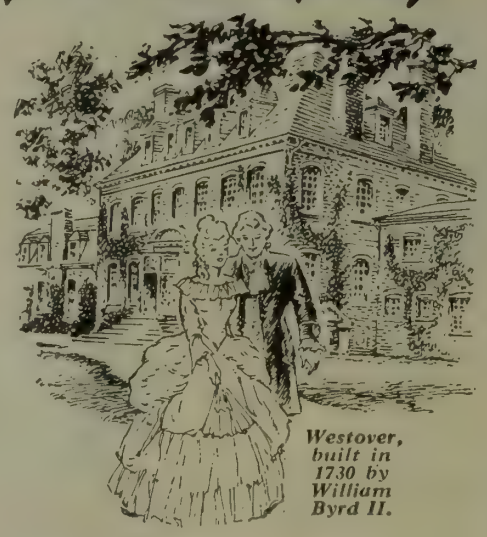
Garden Week, April 23-30—Famed Virginia gardens and proud mansions of a bygone day are open to you.

Apple Blossom Festival late in April—Thousands look forward each year to the gay and picturesque Apple Blossom Festival held in historic Winchester.

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Seashore and mountain resorts—wonderful highways flanked by dogwood and redbud... golf, tennis, swimming, fishing, riding.

Virginia Music Festival
May 13, 14, 15
Charlottesville, Va.



Westover, built in 1730 by William Byrd II.

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building to the west is the Civic Center. It houses both city and county governments. If you wish to see more of Denver, take time to visit the Old Court House Plaza, Cheesman and City Parks (and Zoo), and Elitch's Gardens.

Rocky Mountain National Park

If you have energy left after the hikes suggested under the day-by-day schedule, hike to the top of Flattop Mountain, for a panoramic sweep of the country you covered the previous three days, plus the marvelous view of Long's Peak to the south, the Gore Range to the southwest, and the Mummy and Never Summer Ranges north and west. If you go in for mountain climbing, you may want to try 14,255-foot Long's Peak. The trail starts from Long's Peak Campground, reached by side road from Route 7 about 9 miles south of Estes Park. The hike to the Boulder Field is not difficult, but from there on the climb is steep and treacherous and should not be made without a guide. Inquire of Park Rangers as to trip details and guide service that is available to you.

The eighth day, while only a 50-mile drive, will take you through new, thrilling areas in the Park. Don't start too late for you will want to make many stops, the first at Deer Ridge, where the Moraine Park Road joins Trail Ridge Road. The next, Many Parks Curve for the view of the impressive peaks in the Mummy Range to the north, most of them over 13,000 feet. About 10 miles farther is the Monument Ridge parking area from where you see the Gorge Lakes off to the south.

Stop also at Iceberg Lake, about 2 miles farther along. There are few more impressive sights than from the Summit (12,138 feet), just beyond Iceberg. Visit the Fall River Museum, with its exhibits of the geologic story of the Park, and its animal and plant life. Five miles beyond is Milner Pass, where you cross the Continental Divide. The majestic mountains ahead are the Never Summer Range. Probably your last stop will be at Far View Curve, where you get a spectacular view of the valley through which winds the north fork of the Colorado River. And then on to Grand Lake.

Grand Lake

This is one of Colorado's largest lakes and its deepest. It is almost surrounded by the national park, but is not a part of it. The lake lies at about 8,400 feet and is said to be the highest yacht anchorage in the world. Yacht races are usually held in August. There are ample accommodations in Grand Lake Village, but get there an hour or two before sundown.

As the next day's drive is a short one of only about 80 miles, you can stay around Grand Lake until midmorning, but you will want to take your time on the drive to Idaho Springs as there is much to see. After leaving Granby, you pass through Middle Park, one of the high Colorado valleys rir mountains. Beyond Frase west end of Moffatt Tunnel six miles through James P cost of $18,000,000. On grade to the crest of Berth (11,314 feet) and the breatl sweep of country below yc

Echo Lake

Make this trip in the n when the light is best 10,000-foot-high lake. Ea wander over the surroundi and you will want to do climbing for best views. T Lake road goes on up to t of Mt. Evans (the high road in the United States). grades are steep. Do not unless you are an exp mountain driver.

Central City

You will enjoy this gh that was once called the square mile on earth." Se Opera House, the Teller the old business blocks, an railway train that repos short strip of track. Duri weeks in July the famo festival gives Central City thentic atmosphere of its early days.

Buffalo Bill's Grave and Museum

From Central City r U.S. 40, then east about to Lookout Mountain roa the summit you get a grand Denver and the country east. In a rustic lodge near Bill's grave are extensive of clothing, ornaments, ar used by both Indians and Return to Idaho Springs night.

Then the next day take Salida, only 190 miles, bu slow drive. Do not try to yond Salida as there are fe to stay between there an Gorge. This drive crosses foot Loveland Pass. You w to stop at several viewing p both the up and down grad near Pando (some 17 mil you turn onto U.S. 24 fro 6) you may see the Moun Holy Cross, to the west around Leadville. It's a qu town even if only a ghos former affluent self. South ville, near Buena Vista, 13 and 14 thousand-foot pe in the west.

Royal Gorge

This "Grand Canyon" Arkansas River is a steeply gash in the modest hills feet deep from rim to riv The canyon is so narrow th is barely room for the sing railway and the roaring w the river.

In addition to the Gorg see the 45-degree-angle railway by which you can g bottom of the canyon, and t foot-long suspension bridge the chasm. The latter is the automobile bridge in the w 1,053 feet above the river.

LEXIS SMITH, *starring in SOUTH OF ST. LOUIS a United States Pictures, Inc. Production. Released by Warner Bros.*



PHOTOGRAPH: BERT SIX

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New!
EASY SPINDRIER
WITH AUTOMATIC SPIN-RINSE



days through the Northern Rockies

...ns on page 230

...you will enjoy the beautiful ...talline formations. Seven Falls ...grand sight (except in the dry, ...summer), as the roaring waters ...south Cheyenne Creek tumble ...r the ledges of the narrow ...ge. Cheyenne Mountain is ...ther commercial attraction, but ...will want to visit the Will ...ge's Shrine, and perhaps drive ...Cheyenne Lodge at the summit, ...r a good, but steep road. Chil... like the Zoo, near Cheyenne ...u ntain road gate.

...ver

...f you are out for scenery, don't ...nd too much time sight-seeing ...e, but get on to Rocky Moun... National Park. See the state ...ol building and civic center ...ou go through town. See *Side ...ps* for attractions near Denver.

...cky Mountain National Park

...Here are 65 named peaks reach... above 10,000 feet, 32 of them ...ve 12,000. The highest is Long's ...k, 14,255 feet. The two areas to ... on short time are (1) the Bear ...ke region, with Nymph, Dream, ...ch Vale, Odessa, and Fern Lakes, ... boxed in by imposing peaks ...l all within hiking distance, and ... the Trail Ridge Road to the ...mmit (12,138 feet) for the grand ...oramic view of the Continental ...de and the Never Summer ...ge of the west. If you reach the ... by noon on the second day, ...ve around to Grand Lake the ...rd day. (See *Side Trips*.)

...and Teton National Park

As national parks go, Grand ...on is small. But packed into its ...0 square miles are more rugged ...ss, more beautiful lakes, and ...re real mountain atmosphere ...an in any like size area in the ...s. The mountains look as moun...ns should—tall, sharp, rocky. ...e Grand Teton rises from the ...re of Jenny Lake to a height of 13,766 feet. Be sure to (1) drive through the park, (2) hike along Jenny Lake, (3) drive to the summit of Signal Mountain for the view across Jackson Lake.

Yellowstone National Park

The seething cauldron beneath this high volcanic plateau produces phenomena that run the gamut from little steam vents to big-throated Old Faithful. You will see geyser basins at West Thumb, Norris Junction, and near Old Faithful. Less of a curosity, but equally interesting are the waterfalls Lewis and Moose near the road as you enter the park; Tower, northeast of the canyon; and majestic Yellowstone Falls in the canyon. Equally scenic are the Yellowstone, Firehole, and Madison Rivers, and Yellowstone Lake.

Glacier National Park

Glacier has the ruggedness of the Tetons, the best of the Colorado Rockies, and variety, but it is unlike any other national park. In one day you can drive into the three areas listed in the "Day-by-Day Schedule." If you get to Many Glacier area by midafternoon, take the ranger-escorted boat trip across Swiftcurrent and Josephine Lakes to Grinnell Glacier.

Mt. Rushmore National Memorial

This "Shrine of Democracy" must be seen to be appreciated; it cannot be adequately described. Each of the four sculptured heads (Washington, Jefferson, Theodore Roosevelt, Lincoln) are 60 feet high from chin to forehead, twice the height of the Sphinx in Egypt. You should have time to drive around Custer State Park, to Sylvan Lake and the Pinnacles. If you get an early start, visit Jewel Cave on the way into Mt. Rushmore.

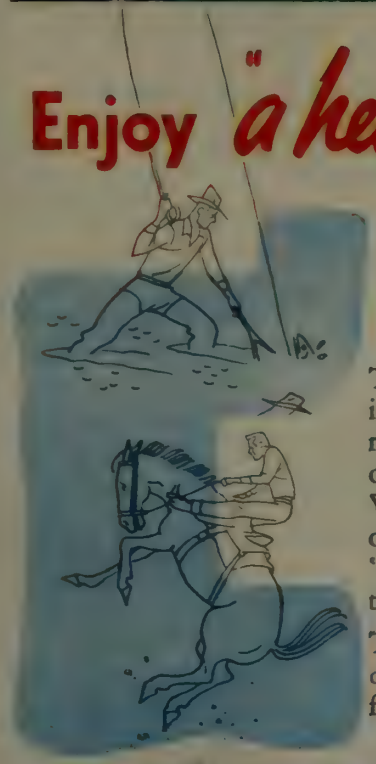
SIDE TRIPS worth seeing (See small map, page 230)

	Added distance	Added time
Buffalo Bill's Grave and Museum: west from Denver on U.S. 40. See it if you also visit B and C.		
Central City: the ghost of a roaring mining town of the 1860's and 1870's.		
Echo Lake: on Mt. Evans road, a beautiful spot at 10,000 feet. Turn left on 103 off U.S. 40 west of Idaho Springs. The three attractions above can be seen at best in the order C, B, and A.	(These three attractions to be visited on one trip.)	
Grand Lake: fine drive to west of Rocky Mountain Park. If you omit hikes you can make this trip on the third day of the schedule.	110 miles	1 day
Beartooth Mountains: one of the finest and safest mountain drives in the west. From Yellowstone to Red Lodge and return, or seen as part of your regular trip if Glacier is omitted.	80 miles	5 hours
Custer Battlefield National Cemetery: near the route, 65 miles below Billings.	194 miles (Yellowstone Canyon to Red Lodge and return)	1 day
Devil's Tower National Monument: a huge mass of rock resembling a giant tree stump, 600 feet high, towering above nearby Belle Fourche River. North from Moorcroft, Wyoming, about 25 miles.	3 miles	1 hour
Jewel Cave National Monument: just off U.S. 16, 23 miles east of Newcastle. Beautiful formations of crystals.	50 miles	3 hours
Wind Cave National Park: limestone caverns noted for their unique boxwork formations.	1 mile	2 hours
Badlands National Monument: eroded hills, knifelike ridges, and castellated spires. See it on your route home.	48 miles 65 miles	5 hours 3 hours
	(From Rapid City, one way)	



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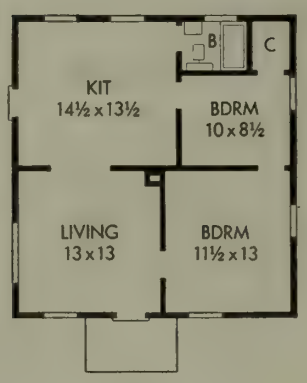
We made our dream house from a

47-year-old bargain

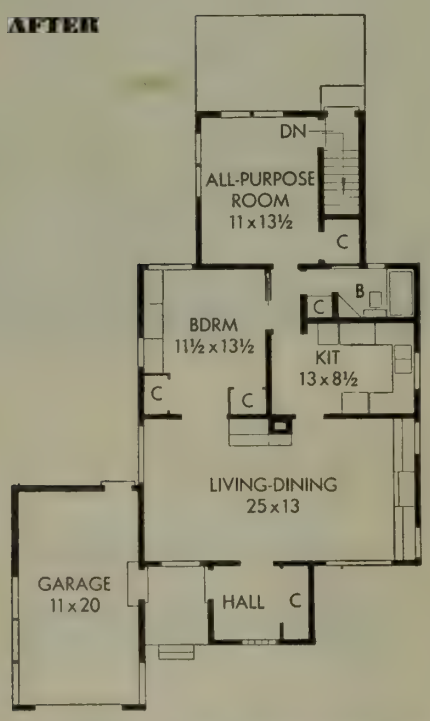


BEFORE In 1937 we bought this square little house in Strea Illinois, for $1,500. At that time the house was 47 years o and a far cry from the home we had hoped to have. Though house looked dilapidated outside, structurally it was stro

BEFORE



AFTER





AFTER To make the house less square, and to give us a sheltered entrance, we added a garage and entran hall, recessing the front door between them. Then we lowered the peak of the roof, widened the chimney, a used redcedar siding in place of the old siding which was beyond repair. Glass blocks light the entrance h

Photographs: Cripe Studios



On the north wall of the living room John installed high shelves for books and magazines, built-in speaker, radio, recorder, record player, cabinets with sliding doors for our collection of records. Our amplifier makes our inexpensive radio sound like a $500 model. A gas heater fills the recess under all this equipment

By Mary Novak

John and I were married in depression years, and when the chance came to buy a 47-year-old house on a lot 50 by 150 feet for $1,500, we took it. It was a square house with a high hipped roof, an outside basement entrance, and a basement that was not cemented. Siding and windows were beyond repair; even the glass panes were not square. Roofing and downspouts needed to be replaced. The only redeeming feature—outside of cost, cheap even for 1937—was the structural wood, which was better than you can get today.

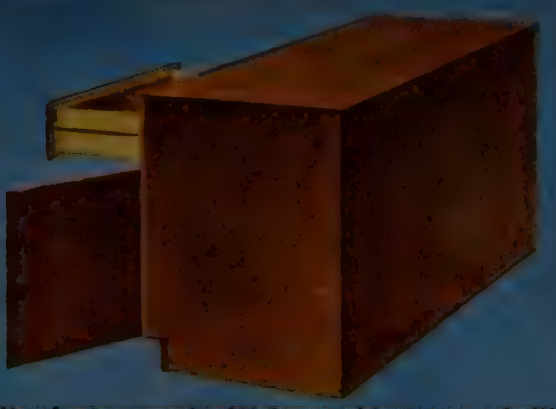
To make it fit our vision of a modern home, we lost little time in starting to remodel.

Though John did the designing, we hired a contractor to lower the roof and widen the chimney, finish the basement with concrete, add a furnace, and build on the additions. The finishing and interior work, however, we did ourselves.

Inside, we first interchanged the bedroom and kitchen. This gave the bedroom [*Turn to page 244*



Masonite hardboards are made from exploded trees—pressed into grainless, all-wood panels of uniform density and hardness, tremendous strength and stability.



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A 47-year-old bargain

Begins on page 242

a southwest instead of north exposure, and provided a back door instead of a side service door. We knocked out the partition between the larger bedroom and living room, to get a 25- by 13-foot living room. A new garage, stoop, entrance hall, and closet were added to the living room. Glass block in the outside wall of the hall was put in to flood the room with light.

We kept the old cherry woodwork, after removing all gingerbread and dressing it up with a coat of putty-colored paint. When we put in larger windows, we used a natural finish on them to go with our furniture.

We had two problems in the living room: where to put our musical apparatus, and how to hide a protruding brick chimney. We solved the first problem by building all our equipment into one wall (page 242), allowing storage space for recordings. We have one speaker just above eye level, the other on the opposite wall at floor level. They give us perfect reception.

The second problem (see picture below) we solved by covering the chimney with plywood and building a desk into the remaining recess. It is made from two oak desks that we bought for $2. The desk chair was resurrected from a friend's basement and re-covered.

When we moved in, the bathroom didn't even have a tub. We built cabinets, and installed a secondhand lavatory we picked up for $2. The floor is now covered with rust-colored tile we repolished and laid for $30.

[*Turn to page 246*



In a corner of our relocated kitchen, John built this revolving unit for me. The outside was made from the framework of a roll-top desk. The unit holds all my pots and pans where I can find them without rummaging. We bought pine cabinets unfinished, stained them golden yellow, then varnished them. Counter top is brown. Sink we moved from the old bathroom.



Jutting chimney in living room we camouflaged with plywood (right). Rest of built-in unit is a desk made from parts of an old desk—pigeonholes re-used intact, roll top used as door. Typewriter cabinet was made from breadboards



Blonde cabinet in bathroom holds shaving equipment and reading matter, has space for a hamper below. Recessed cabinet (left) is for towels and medicine. Opposite wall is a continuous mirror. Small window was display model

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And blending brings you the right combination of the right ingredients to do each job right ... blended by the master hand of the "Dutch Boy," whose fame as a paint-maker is nation-wide.

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"Dutch Boy" Tints are beautifully crisp and fresh ... and they're expertly blended to assure *lasting, uniform* color!

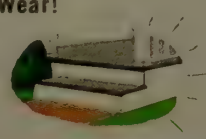
3. TRIM COLORS *Blended* to Stay Bright!

"Dutch Boy" Sash & Trim Colors add the finishing touch to your home's protection. They're blended to *hold* their bright, gay gloss! Wonderful for garden furniture, too!



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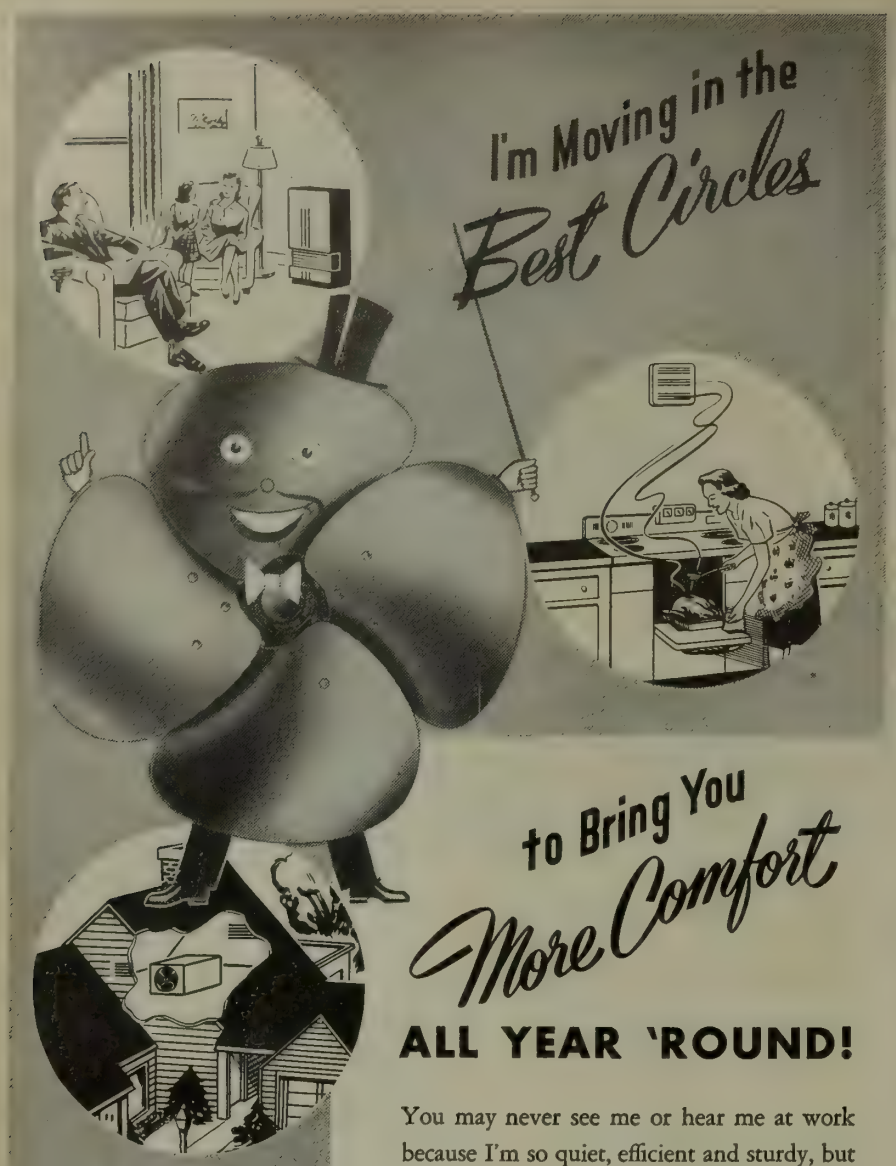
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A 47-year-old bargain

Continued from page 2

The basement is developing into a workshop, and we' planning a recreation room there, too. We've finish shoveling dirt and hauling flagstones 100 miles for c terrace, and now intend to build a barbecue. We s find time to play, though, for we want to enjoy what have completed.

Gone today are the trap door to the basement, the c cherry-colored woodwork, the soda-straw chimney. Pe ple seeing our home for the first time think it's brand ne

Would we do it again if we had to? Sure would!



BEFORE—The rear of our house was as bad as the front, square an shantylike. We had a comfortably sized and shady back yard, but th appearance of the house spoiled it. We wanted another room anyway and decided we could spare the space here and still have a garde



AFTER—Now we spend much of our free time in our garden during the summer. House's colorful combination of red siding and yellow trim forms pleasant background for our flowers. The wing we added—not yet finished inside—will be an all-purpose room and guest bedroom

in 1 hour



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KNAPE & VOGT MANUFACTURING CO.

DEPT. B49 GRAND RAPIDS, MICH.

Recipes for Perfect Custard

Begins on page 67

Stirred Custard

3 slightly beaten eggs
¼ to ½ cup sugar
¼ teaspoon salt
2 cups milk, scalded
½ teaspoon vanilla

Combine eggs, sugar, and salt; gradually stir in hot milk. Cook in double boiler over hot water until mixture coats spoon, stirring constantly. Add vanilla. Serve plain or pour over orange sections and coconut. Chill. Serves 6.

Floating Island

Use recipe for Stirred Custard, above. Pour custard into serving dish to cool. Make a **Meringue:** Add ⅛ teaspoon salt and ¼ teaspoon vanilla to 2 egg whites; beat to stiff foam. Add ¼ cup sugar, a tablespoon at a time, and continue beating until mixture forms moist, lustrous peaks. Drop in small mounds on top of chilled custard; dot with jelly and serve at once. Meringue mounds may be baked or browned in broiler before placing on custards, if desired. Serves 6.

Baked Custard

Use recipe for Stirred Custard, above. Pour mixture into individual custard cups or 1-quart baking dish; sprinkle with nutmeg. Place custards in shallow pan. Pour hot water into pan—1 inch deep. Bake in moderate oven (325°) until mixture doesn't adhere to knife. Serve in custard cups; or spoon from baking dish into sherbets. Serve with wafers or butter cookies.

Where to see it

THE following leading department stores have set up one or more of the rooms shown on pages 50-55, and invite you to come in to see them:

Albany—W. M. Whitney & Co.
Atlanta—Davison-Paxon
Boston—Jordan Marsh Company
Cedar Rapids—Smulekoff's
Des Moines—Younkers
Hartford—G. Fox & Co.
Kansas City—Robert Keith Furniture Co.
Lansing—J. W. Knapp Co.
Lincoln—Gold & Co.
Louisville—The Stewart Dry Goods Company
Milwaukee—Gimbels
Muncie—Ball Stores
New Orleans—Maison Blanche
Oakland—Breuner's
Sacramento—Breuner's
San Francisco—Macy's
St. Paul—The Golden Rule
South Bend—Robertson Bros.
Spokane—The Bon Marche
Stockton, California—Breuner's
Tulsa—Dickason-Goodman
Philadelphia—Gimbel Brothers
Newark—Kresge • Newark

Look for this brand name when you buy cream cheese



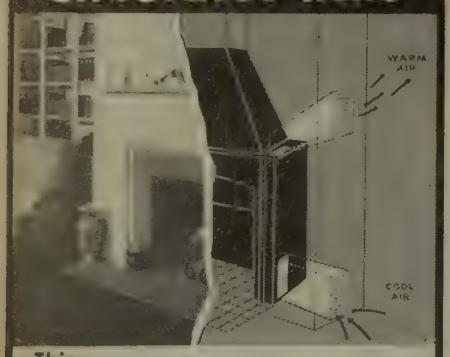
...to make this luscious salad

Arrange lettuce on a salad plate. Place a golden slice of pineapple and a plump peach half in the center. Top it off with snowy-white cream cheese to which a little milk has been added and then whipped with a fork. So rich, so delicately fresh in flavor, genuine Philadelphia Brand Cream Cheese is the ideal topping for salads and desserts.

FAR MORE FOOD SHOPPERS BUY PHILADELPHIA BRAND THAN ALL OTHER BRANDS OF CONSUMER PACKAGED CREAM CHEESE COMBINED.

THERE IS ONLY ONE "PHILADELPHIA" CREAM CHEESE . . . IT'S THE BRAND THAT'S MADE BY KRAFT AND GUARANTEED FRESH!

Circulates *Heat*



This

FIREPLACE

warms ALL the room and even adjoining rooms

Build a Heatilator* Fireplace in your new home—in any architectural style you like—and enjoy the comfort of this amazing fireplace that warms every corner of the room, uniformly and thoroughly. No longer will your face parch while your back freezes. The Heatilator Fireplace circulates heat to far corners, and even into adjoining rooms—something no old-fashioned fireplace will do.



Heats Basement Rooms Quickly



Makes Camps Usable Weeks Longer

Adds Little to Cost

The Heatilator Fireplace unit is a scientifically designed form, complete from floor to flue, around which the masonry is easily built. It assures correct construction—eliminates common faults that cause smoking. Yet this unit adds little, if any, to the cost of the completed fireplace because of savings in labor and material.

Proved by Years of Use

Your fireplace is a long-term investment so insist upon this unit that has been proved for 22 years in thousands of homes and camps all over America. The Heatilator name on the dome or damper handle is your protection—refuse substitutes. Sold by leading building material dealers everywhere. Mail the coupon now for complete information.

Heatilator Fireplace

Heatilator is the registered trade mark of Heatilator, Inc.

HEATILATOR FIREPLACE



Heatilator, Inc.
113 E. Brighton Ave.
Syracuse 5, N. Y.

Please send me your free illustrated folder describing the construction and advantages of the modern Heatilator Fireplace that circulates heat.

Name.....

Street.....

City.....Zone.....State.....

Build into your setting

Begins on page 42



Steps from terrace lead up hill behind house. Rough shingling of roof repeats pattern of leaves, exterior boarding matches bare trunks of trees. Grape-stake fence shuts off view of service area from terrace. An egg-crate trellis (at the far right) connects the carport and the house



← As you sit at the glass-topped dining table, you see the terrace through one pane of glass. Pass-through does not let you see working area of kitchen, which can be shut off completely by pulling down a door. Glass blocks (seen through window) let light onto kitchen drainboard

Living room is a composition in browns and reds. Roman brick fireplace and natural wood walls and casings are lightened by the white rafters of the open-beamed ceiling. Cabinets below window-sill level—bookshelves, a built-in radio, and built-in couch—are made of plywood ↓





Building new life in the old town with Reynolds *Lifetime* Aluminum

IF YOU SEE RUST YOU KNOW IT'S NOT ALUMINUM

REYNOLDS METALS

REYNOLDS *Lifetime* ALUMINUM BUILDING PRODUCTS

1. Look, one hand! **Rustproof Gutters (and Downspouts)** of stainfree beauty, at half the price of other rustproof materials!
2. **Aluminum Built-Up Roofing** adds years of roof life, reflects sun heat so the building stays cool in summer.
3. **Painted Weatherboard Siding**...beautiful baked-on white finish...a new dealer-applicator success!
4. **Reynolds Aluminum Windows** are precision engineered...casement, fixed and picture types in full size range.
5. **Snap-Seal Roofing** for fine homes, schools, institutions...handsome, permanent, heat-reflecting. No maintenance.
6. The man inside is applying efficient, low-cost **Reynolds Reflective Insulation.** *All* aluminum reflects radiant heat!
7. **Industrial Corrugated**...extra thick (.032") with deeper corrugations for added strength. Less structural load, no maintenance!
8. **5-V Crimp**...handsome enough for a home, economical for any use. See it in Reynolds exclusive *embossed* finish!
9. **Reynolds Alumi-Drome**...all-aluminum, patented all-bolt assembly. 36' x 60', length variable by 6' sections. An all-purpose prefab!
10. This **Corrugated Roofing and Siding** has Reynolds exclusive stipple-embossed finish. For farms, warehouses, stores, etc.
11. Reynolds makes fine **Aluminum Pigment** for protective coatings of bridges...and of all metal and wood surfaces, masonry, etc.

Progressive Building Supply Dealers feature Reynolds *Lifetime* Aluminum. More and more architects are specifying aluminum. Write for literature on products shown.

REYNOLDS METALS COMPANY, BUILDING PRODUCTS DIVISION, LOUISVILLE 1, KENTUCKY



. . . bathing Baby is a family affair calling for all hands, an elbow—and plenty of hot water.

And with a C-E HEATMASTER the whole family will enjoy abundant hot water *automatically*, any time, every time they want it. Economically, too, for the HEATMASTER has *all* features which provide really low-cost hot water.

Housewives like HEATMASTER'S modern styling and the joy of lots of hot water without work or worry. The man of the house with a practical bent appreciates C-E quality construction—features like the heavy duty tank with the rust-resisting Anodic Rod for extra life.

There's a HEATMASTER for *your* family's hot water needs—models up to 100 gallons, for electricity, gas or LP (bottled) gas, and a table top electric that matches modern kitchens. Have your Master Plumber—C-E Dealer show you the new HEATMASTER. Ask him to explain the C-E 10-year Protection Plan, backed by one of the world's largest manufacturers of boilers and related equipment.

Get "Hot Water is a Family Affair", a booklet that tells you how to have real economy in hot water service. See your Master Plumber, or write us direct for your copy.



C-E Heatmaster
AUTOMATIC WATER HEATER
a product of
COMBUSTION ENGINEERING—SUPERHEATER, INC.
Water Heater, Range Boiler & Soil Pipe Dept. Chattanooga, Tenn.

How to stop ROT

You can apply new wood preservatives by brush, spray, or dip. You can paint over the They curb fungi and boring insects

By John Webster

IT'S getting easier every day for you to curb rot and terr damage around your home.

New liquid wood preservatives are being sold by hardw paint, and department stores and lumberyards. You can put t on by brushing, spraying, or dipping. You can paint over th You don't have to heat them. Any odor will quickly disapp They double or triple the life of lumber used outdoors.

These preservatives are sold under many brand names, but home use the best are those containing pentachlorophenol, c per naphthenate, or zinc naphthenate.

All three come dissolved in some oil solvent. They are insolu in water. If you plan to paint over a preservative, choose a p servative that has a light, volatile oil solvent.

Also due on the market soon is a new aluminum paint trea to resist rot and termites.

Look over the three, and decide which will fit your job:

Pentachlorophenol solutions are clear, if a quality oil solver used. Cheaper solutions using cruder oil are satisfactory for s uses as below-ground protection. Petroleum solvent solutions r injure young plants; they're not recommended where roots touch them. Pentachlorophenol solutions often are sold combi with a water repellent. [*Turn to page*

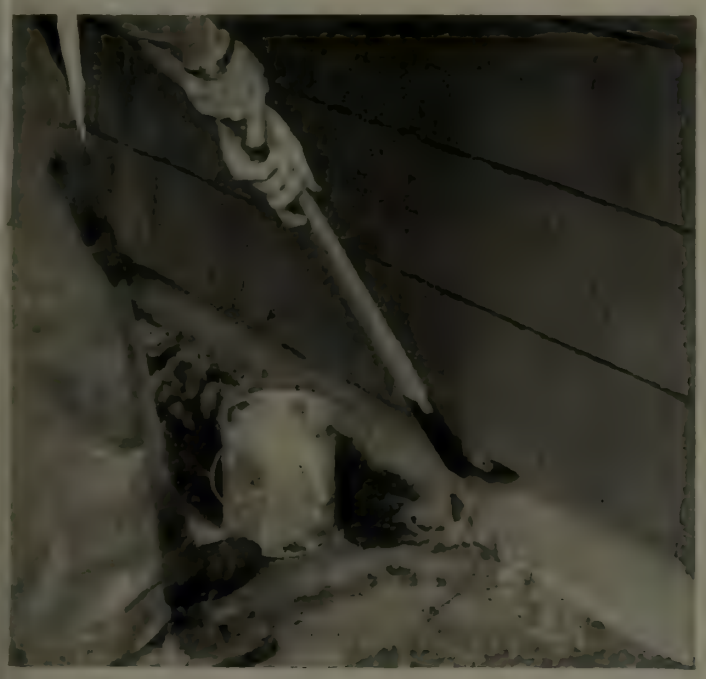
Photographs: Lawrence W. Hall, Westervelt



When you build steps, treat bare wood with preservative before you pa For steps already painted, brush preservative into joints before you repa Use a gooseneck or bent-spout squirt can for treating hard-to-reach jo



Apply preservative to joints of a window frame with a medicine dropper—a few drops is enough. This is especially valuable on the inside, if the moisture condenses on the glass and runs down



Apply a preservative to the exposed edge of the bottom row of shingle siding. For this, use a hook made of a scrap of wood covered with a pad of burlap and nailed to a handle. Hold preservative-soaked burlap against shingle edge at least a minute



To put preservative on a series of small, inaccessible joints, such as in shutters, use a fly sprayer. Avoid overdosage and you won't impair movement of joints. Spray all of new shutters

Rooms...pretty as a picture

WITH

FLATLUX

the one-coat wall paint

MADE WITH OIL!

(Remember— the best paints are made with oil)

Decorate with FLATLUX, the amazing *one-coat wall paint,* the quickest way to lovelier rooms. There's *no messy mixing* with FLATLUX. It comes ready to use. *Nothing* to add, *nothing to go wrong.* It smooths out fast, covers wallpaper, paint, plaster. It dries fast, too! Paint early in the day, use the room the same evening. FLATLUX leaves no odor! FLATLUX is made with oil, not a water-thinned paint. You can *see* and *feel* the difference! It comes in a wide range of gay, decorator colors.

NEW

Perfect Color Matching

FOR WALLS AND WOODWORK WITHOUT MIXING

FLATLUX • SATIN-LUX • GLOS-LUX

3 different finishes in Identically Matched Colors

Here's the newest idea in smart room decoration, walls and woodwork in the same color in a flat, semi-gloss and high-gloss finish. With "eye-stubbing" eliminated, rooms look larger! Before you decorate, get the colorful, descriptive folder from your BPS Dealer, or The Patterson-Sargent Co.; Cleveland, Ohio; New York, N. Y.

BEST PAINT SOLD BPS BY PATTERSON-SARGENT

New Beauty... New Comfort... for YOUR Home with NU-WOOD



Make Old Rooms New!

Say goodbye to cracked plaster, peeling paint and redecorating problems! Nu-Wood—the softly colored, beautifully textured wall and ceiling covering—makes old rooms new again—and *keeps them new.* Available in tile, plank or board, Nu-Wood is an all-wood fiber material of unsurpassed beauty. Soft, harmonious colors create appealing charm for your home.

Save on Fuel, Too!

Nu-Wood is high in insulating efficiency. It helps make your home more comfortable in winter—with less fuel. In summer, Nu-Wood helps keep your home cooler. In addition, Nu-Wood quiets noise—makes your home more restful.

Quickly and Easily Applied!

Nu-Wood goes right over old wall and ceiling surfaces—yet can be used to partition off existing rooms or to build new ones. And remember—Nu-Wood, with all its advantages, is *moderate* in cost.

You'll want more information about Nu-Wood—and it's easy to get. See your lumber dealer—or mail the coupon for further information.

*Nu-Wood**

DECORATIVE, INSULATING, ACOUSTICAL

*REG. U.S. PAT. OFF.

Wood Conversion Company
Dept. 112-49, First National Bank Bldg.
St. Paul 1, Minnesota

Gentlemen: Please mail my free copy of the "Nu-Wood Color Guide," to make 54 color and design combinations.

Name.....

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City.....*State*.....

BALSAM-WOOL* • Product of Weyerhaeuser • NU-WOOD

How to stop rot

Begins on page 250

Copper naphthenate solutions are green, and can be used without paint if green is the color you want. The treated wood is harmless to plants. If you plan to paint over the green color, ask your dealer whether you should seal it with aluminum paint or shellac.

Zinc naphthenate solutions are clear, somewhat more expensive than the other two, can be used under varnish if you want to preserve the natural beauty of the wood. They can also be put on bare or unpainted basement walls, or on concrete, to curb mildew.

All three are unpalatable to boring insects and the fungi that cause rot. As they protect only so far as they penetrate, it's best to use them on clean, dry, unpainted wood. One coat will do the job; two coats are better. Apply the second coat before the first is dry. One gallon will cover up to 400 square feet of lumber.

When you use these preservatives, give most attention to wood that will touch the ground, to places where two pieces of wood fit tightly together, to areas where moisture collects, and to joints between wood and other building materials. That's where rot starts.

Wear gloves; the oil solvent may irritate your skin.

You may be able to buy lumber pressure-treated with a preservative. That treatment is much more effective than hand application. You may decide the extra cost of treated lumber is cheap insurance against rot and termites, especially for sills, doors, jambs, joists, and window frames. However, if you saw or drill through treated wood, you should use a preservative on the exposed places.

The pictures will show you where and how to apply these preservatives effectively yourself.



Places that are hard to get at often are the spots that need preservative the most. Here, a bent-spout squirt can is being used to apply preservative to the front edge and underside of a doorsill. Treat places where wood joins masonry, brick, concrete, or metal—any place where water can collect



You can get a nasty fall if your ladder breaks while you're aboard. Such breaks usually are caused by rot in the joints where the rungs fit into the side rails. To stay on the safe side, soak those joints with preservative—and use it liberally. If your ladder is to be stored outside, treat all of it thoroughly

More on next page

Sani-Flush has won an kept millions of friend since this early advertisement appeare



Sani-Flush today is still the lea after 37 years . . . still counted by good homemakers to keep t toilet bowls really clean. H you tried it? At all grocers'. T sizes. The Hygienic Products C Canton 2, Ohio.

IS YOUR PET'S HEALTH AND APPEARANCE worth $1 to you



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BRUSH-COMB

The "Brush-Comb" (has more than a hu round-tip, flexible, ru set wire "bristles remove burrs, etc. "Smoothie" (50c)* springy, military-s coat-glosser with leather strap. The "M Pet Comb" (50c)* is tined, rust-proof met ideal for long-haired (and cats!) Made famous company, the Pet Set is just what need to make your pe and feel like a Cham



SMOOTHIE

MASTER PET COMB

Guaranteed Good Housekee

You Get any two for $

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FREDERICK Established 1884 MARYL

*Higher in some localities due to freight

The amazing new Lewyt VACUUM CLEANER



NO DUST BAG TO EMPTY!

- Empties like an ash tray!
- It's quiet—no roar!
- Cyclonic cleaning power!
- Cleans upholstery—dusts furniture!
- Sprays paint...waxes...de-moths!
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- Triple-filters unsanitary dust!
- Light, easy to use!
- See the Lewyt! Try it yourself!
- Comes complete; no extras to buy!

LEWYT'S REVOLUTIONARY NO. 80 CARPET NOZZLE

...cleans rugs better than ever before! Actually gets *more* embedded dirt...picks up *more* lint, thread, and hair...yet with *less* carpet wear! It will amaze you!

FREE! PICTURE BOOKLET ON MODERN HOME CLEANING. WRITE TODAY!

Guaranteed by Good Housekeeping — Approved by Underwriters' Laboratories

Lewyt

(Rhymes with 'do it')

VACUUM CLEANER

Lewyt Corporation, Vacuum Cleaner Division
88 Broadway, Brooklyn 11, New York



Any wood that touches the ground or is exposed to weather is in danger. So give it all the protection you can with preservative. Turn wooden garden furniture upside down and coat the bottom of the legs liberally with preservative. You'll do well to treat the joints of all lawn furniture, too

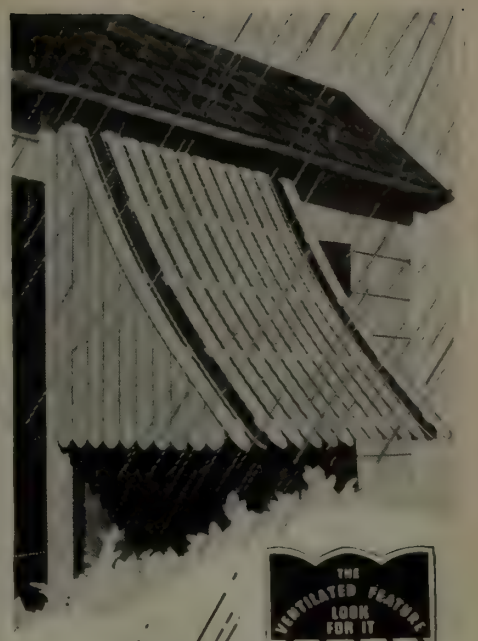


If you have wooden gutters, treat the entire inside length and rim. And treat both inside and underside of the gutter where it meets the metal downspout. If you can get at them, treat the joints between gutter and the house with a squirt can



Don't forget to treat the bottom edge of your garage door with preservative. Use a brush to apply it to an overhead door; for other types use application hook or a squirt can

More on next page



THE VENTILATED FEATURE LOOK FOR IT — IT IS PATENTED

SHUT OUT *Sudden Showers*

Spring weather is unpredictable. Sudden showers come. Windows are open. Rugs, floors and drapes suffer unless your home is guarded against such happenings.

ZEPHYR ALL-SEASON AWNINGS

ZEPHYR AWNINGS

Shut out sudden showers, protect permanently against the damage weather can do inside your home. Patented* construction assures you that weather will be shut out, yet light and ventilation will be let in.

Once installed, ZEPHYRS become a part of your home, always beautiful, always useful. They stay up through all seasons to guard your property, enhance its beauty and increase your Comfort. COOL ALUMINUM or AGELESS CALIFORNIA REDWOOD gives permanence, cuts upkeep. Install ZEPHYRS on windows, doors, porches, patios. Many styles in all colors. Your ZEPHYR dealer is glad to give free estimate. No obligation. Write for his name and illustrated literature.

* U. S. Reissue Patent 21,053

Clip and Mail Coupon Today

National Ventilated Awning Co., Dept. 4
601 College Avenue, Dallas 1, Texas

Gentlemen:

I am interested in Zephyr All-Weather Awnings. Please send me free literature and name of my nearest Zephyr Distributor, who will give me free estimate and consultation without obligation on my part.

☐ I own my own home.

☐ I am planning to build or buy my own home.

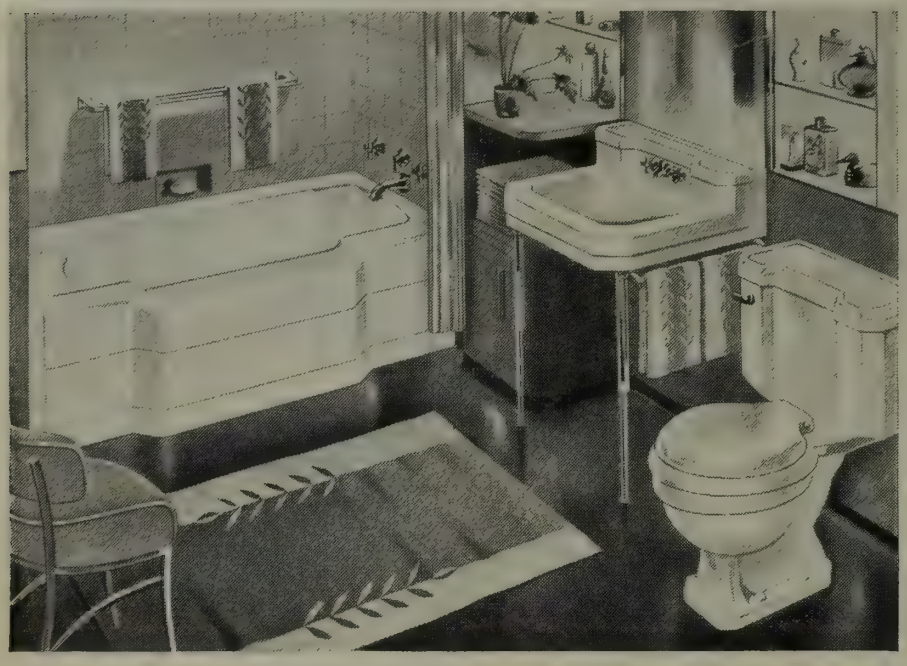
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MAKERS OF FINE PLUMBING FIXTURES SINCE 1904

ELJER





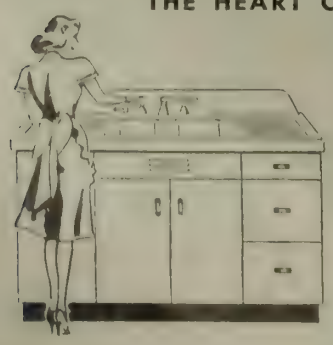
"I'm a walking testimonial"

"When we remodeled our bathroom, we installed Eljer Plumbing Fixtures . . . and now, I'm a walking testimonial. They're beautiful and easy for me to keep clean and new-looking."

Eljer Fixtures *are* beautiful . . . with just the right amount of "modern" in the styling. And, one big reason why they are easy to keep sparkling clean is that the lustrous vitreous chinaware resists scratching and stains. It is impervious to the effects of all ordinary acids . . . because it is *real china.*

Eljer Bathtubs have a base of *rugged, rigid cast-iron* that makes possible a smooth, extra-thick coating of glass-like enamel that will last a lifetime, with ordinary care. Your plumbing contractor will help you choose Eljer Fixtures, in white or pastel colors, to suit every requirement. For free booklet, write Eljer Co., Box 192, Ford City, Pennsylvania.

THE HEART OF YOUR PLUMBING SYSTEM



Eljer's beautiful, chrome-plated brass fittings feature new, exclusive construction principles that assure long, satisfactory service, but, *all* wearing parts are *easily renewable.* Just another reason for specifying Eljer Fixtures with Eljer Brass, in bathroom, kitchen and laundry.

ELJER CO. FACTORIES AT: FORD CITY, PA., SALEM AND MARYSVILLE, OHIO, LOS ANGELES, CALIF.

How to stop rot

Continued from preceding p

How to rot-proof as you build a fence



Treat fence posts to a depth of at least six inches above the ground. Let the posts soak overnight—48 to 72 hours isn't too long; the longer they soak, the better the protection



Also dip the bottom ends of pi to a depth of 12 inches or mor protect them against dampness accumulated leaves. An old c can makes a good dipping cont



Your fence will last longer if you treat the upper rail where the pic will be attached. Then treat the backs of the pickets where they wi fastened to the rails. For further protection, put preservative betv the rail and posts, and over the entire lower rail. All those are pl where moisture will be collected and held, encouraging rot to

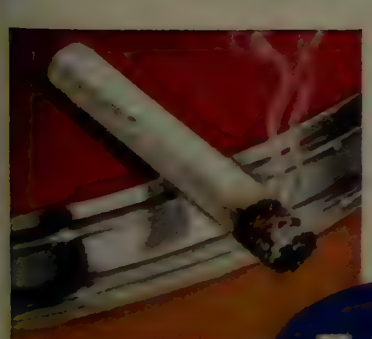


Before you drive nails all the way in, put preservative under the nail heads. Or if you use screws, drill holes in the wood and squirt the preservative in with an oilcan before you drive the screws. Your fence will be ready for painting after you have seated the nails or screws, and oil solvent has time to dry



Its loveliness lasts...

to lighten your work and save your money — when it's Lloyd Dinette Furniture



Somebody forget a cigarette? Don't worry — it can't hurt the Plastic-on-Steel top.

With the new Plastic-on-Steel table top, it's your pride and joy for years

A smart combination of colorful beauty and sturdy quality. Created by Lloyd, pioneer in the development of chrome-plated furniture.

The table top is smooth, satiny plastic, laminated to steel. It can't be harmed by burning cigarettes (the steel acts as a heat conductor), by boiling water, alcohol, or fruit acids. Nor does it fade or stain.

The comfortable chairs are covered in a new long-wearing plastic material. The chrome plating is extra heavy. Its loveliness lasts for years and years.

And it's no trick at all to keep your Lloyd dinette set as bright as a new dime. Just use soap and water on the table top and chair coverings and a dry cloth on the chrome parts.

Leading furniture and department stores offer these Lloyd dinette sets in a selection of popular colors. Choose one to match your decorating scheme. See a Lloyd dealer soon — or write for the name of a store near you.

The Lloyd Manufacturing Co.
Menominee **Michigan**

Branches in: NEW YORK • CHICAGO • LOS ANGELES • MINNEAPOLIS • HIGH POINT, N. C.

THE WORKS WITHOUT THE WORK!

(IT'S REAL MINUTE TAPIOCA—FULL OF COUNTRY-KITCHEN GOODNESS)

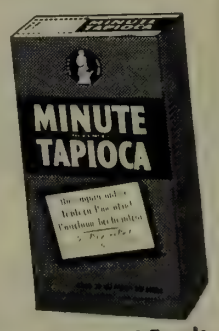


CHEERY CHERRY TAPIOCA

½ cup sugar
3 tablespoons Minute Tapioca
¼ teaspoon salt
2½ cups cherry juice and water
1½ cups drained canned or quick-frozen pitted red sour cherries

Combine sugar, Minute Tapioca, salt, and cherry juice and water in saucepan. Place over medium heat and cook until mixture comes to a full boil, stirring constantly. Cool, stirring occasionally. Add cherries. Chill. Turn into sherbet glasses and serve plain or with whipped cream. Makes 6 servings. No ordinary dessert, this! It's a glorious concoction! Bound to bring compliments and huzzahs for the clever cook who makes it! And for all its luscious goodness—what could be quicker and easier to fix? Like all your wonderful Minute Tapioca desserts, it's mighty thrifty, too!

Memo to Brides! If you're a kitchen recruit—you may never have used real, genuine Minute Tapioca! (It was not available during the war years.) So get a box today! Minute Tapioca is the expert's answer to easy-quick wonder desserts—omelets and soufflés that don't fall—juicy meat loaves that slice like a dream and scores of other problem dishes!



FREE! WONDERFUL NEW RECIPE BOOK

A Product of General Foods



MINUTE TAPIOCA, Department S, Battle Creek, Michigan

Please send me a FREE copy of "Miracles with Minute Tapioca," containing over 50 recipes for creamy desserts — juicy fruit pies that don't run—fluffy omelets and soufflés—tender meat loaves that slice without crumbling—rich soups, stews, etc.

Name_____

Address_____

City_____ State_____

Offer expires October 1, 1949. Good only in U. S. A. B-49

These meats make the meal

Begins on page 68

Breaded Veal Sirloin Steaks

1 pound veal sirloin steak, ¾-inch thick
Salt and pepper
Flour
1 slightly beaten egg
1 tablespoon water
⅓ cup bread crumbs
¼ cup fat
¼ cup tomato juice

Sprinkle steaks with salt and pepper. Dredge with flour, dip in beaten egg mixed with the water; then dredge in fine bread crumbs. Brown over medium heat in the melted fat. Add tomato juice. Cover tightly. Cook over very low heat till tender, 45 to 60 minutes. Serves 3 to 4.

Veal Casserole

2 pounds boneless veal shoulder, cut in 1- to 1½-inch pieces
Salt and pepper
Flour
1 slightly beaten egg
1 tablespoon water
⅔ cup cracker crumbs
¼ cup fat
2 tablespoons butter or fortified margarine
2 tablespoons enriched flour
2 cups milk
¼ teaspoon salt
¼ cup mushrooms, buttons or sliced
¼ cup chopped celery cooked

Sprinkle meat with salt and pepper, dredge with flour, dip in beaten egg mixed with the water; dredge with fine cracker crumbs. Brown on both sides in melted fat. Arrange in 2-quart casserole. Melt butter; add flour; blend. Gradually add milk; cook over low heat until smooth and thick. Stir in salt, mushrooms, and celery. Pour sauce over the meat. Cover. Bake in a slow oven (300°) 1 hour. Remove cover and bake 15 minutes longer. Serves 8.

Stuffed Shoulder of Lamb

Ask meatman to remove bone from shoulder but not to tie roll. Sprinkle cut side with salt and pepper, spread with apricot stuffing, roll and tie or skewer together. Rub outer surface with salt and pepper, place on rack in a shallow, open roasting pan. Roast in slow oven (300°) 40 to 45 minutes per pound, turning roast every 20 to 30 minutes.

Apricot Stuffing

3 cups day-old bread crumbs
1 teaspoon salt
⅛ teaspoon pepper
½ cup butter or fortified margarine, melted
1 cup cooked dried apricots, chopped

Combine ingredients in order given. Mix well.

Stuffed Flank Steak

1 flank steak (about 2 pounds)
Salt and pepper
1 tablespoon chopped onion
¼ cup chopped celery
2 tablespoons bacon fat or shortening
1 cup dry bread cubes
1 cup finely chopped apple
¼ cup seedless raisins
2 teaspoons salt
Pepper
⅛ cup water, or to moisten
3 tablespoons fat
½ cup boiling water

Season flank steak with salt and pepper. Cook onion and celery





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Good and Quick

A neighbor invited Mrs. Jones to a country auction, suggesting they get an early start the next morning.

"I'll get the family's breakfast in a jiffy," replied Mrs. J. "I have some of that Grape-Nuts Wheat-Meal that cooks in 3½ minutes."

Next morning, when the neighbor stopped for her, Mrs. J. was still out in the kitchen cooking cereal.

"Not ready yet!" exclaimed the neighbor. "I thought you said that cereal was a quickie."

"Oh it cooks quick enough," replied Mrs. J., "but it tastes so good the family keeps asking for more. This is the third batch I've fixed already."

Here's the HANDIEST, DANDIEST Salt-Pepper Shaker you've ever seen!

NEW FAMILY-SIZE TWIN



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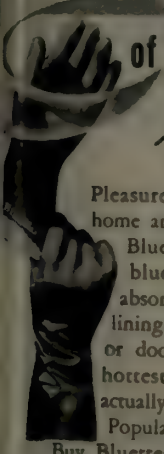
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GRAVY MASTER

easy thrifty

MASTERS GRAVY MAKING

Look for this Gravy Boat

slowly in fat until tender but only slightly brown. Add to next six ingredients and mix well. Spread stuffing on meat, roll like jelly roll, tie roll together. Brown on all sides in hot fat, place on rack; add hot water; cover tightly. Cook over low heat or in slow oven (325°) 2 hours. More water may need to be added if cooked on top of range. Remove cord before serving. Serves 6 to 8.

Baked Ham

Place ham, fat side up, in a shallow roasting pan. Bake, uncovered in slow oven (300°), the time depending on type of ham. The old-style Virginia ham requires 25 minutes per pound for 10- to 12-pound hams, 20 minutes for large hams. (Roast-meat thermometer should read 170°.)

Modern type hams processed in packing plants are more mildly cured and require only 15 minutes per pound. (Roast-meat thermometer should read 160°.)

About ½ hour before ham is done, take from oven and spread with 1 cup brown sugar heated with 2 tablespoons water. Return to oven to glaze and to finish baking.

Raisin Sauce

½ cup brown sugar
1½ tablespoons cornstarch
1 cup water
½ cup seedless raisins
1½ tablespoons lemon juice
1 tablespoon butter or fortified margarine

Mix brown sugar and cornstarch. Add water; and cook until thick and clear, stirring constantly. Add raisins, cover, and let stand over very low heat 10 to 15 minutes. Add lemon juice and butter; mix well. Serve with ham.

Leg of Lamb

Order leg of lamb, French style. If desired, rub with cut clove of garlic or ask meatman to insert slivers of garlic with larding needle. Season with salt and pepper and place, fat side up, on a rack in a shallow, open roasting pan. Roast in slow oven (300°) 30 to 35 minutes per pound. Roast-meat thermometer should read 175° to 180°, depending on degree of doneness preferred.

Stuffed Mushrooms

8 large mushrooms
¼ cup chopped mushroom stems
3 tablespoons butter or fortified margarine
¼ cup fine bread crumbs
¼ cup chopped cooked ham
1 tablespoon grated onion
1 teaspoon chopped parsley
2 tablespoons milk to moisten
¼ cup fine bread crumbs
1 tablespoon melted butter or fortified margarine
2 tablespoons grated Parmesan cheese

Wash mushrooms carefully and remove stems. Cook chopped mushroom stems in the butter for a few minutes without browning. Add next five ingredients, mix well, and pile into caps. Mix remaining bread crumbs with the melted butter; add grated cheese; mix well; and sprinkle over top of stuffing. Bake in hot oven (400°) 15 minutes, or until browned.

[*Turn to page 263*

Easter Dinner Family Style



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SOME DESIRABLE FRANCHISES AVAILABLE

Heated by the sun

Begins on page 48

with a series of vertical louvers that can be opened and closed by a thermostatically controlled motor. During winter months when the house needs heat from the entire glass area, the louver thermostat, which is set a few degrees higher than the furnace thermostat, opens the upper louvers and lets the sun in. When the house has reached the desired temperature, the louvers are automatically closed until the house again calls for heat.

"As the sun moves across the sky it is important that the louvers open at an angle that will let the sun's rays come into the house unobstructed. To assure this, an electric eye is mounted on one of the louvers and, as they start their opening swing, the electric eye rides with the louvers until sunlight hits it. When this happens, the circuit is broken. the motor operating the louvers shuts off, and they become fixed parallel to the rays of the sun. When the sun sets, the louvers continue their turn and close for the night. When the solar heat fails to bring up the room temperature, the furnace thermostat starts our heating plant.

"Control of the sun is just as necessary in winter as it is in summer. A year ago January, before we got the louvers installed, the temperature in the house went as high as 90 degrees with no heat from the furnace between 10 o'clock in the morning and 4 o'clock in the afternoon.

"To save expense I put a basement under the living room only. The wings of the house are built on the ground. These wings for shelter for our terrace—a secl place for the children to play for us to relax. I tucked a sha wading pool in one corner, w has proved a joy to our t children. There's no more da than in a bathtub."

Mrs. Myers: "My kitchen (c plete with dishwasher, garbage posal unit, freezer, steel cabi electric range and refrigera does my work for me. All I hav do is turn it on in the mornin

"I insisted on homey touche the living room. A high ce makes this solar center of our h dramatic. The glass wall facing sun is curtained with lime-ye draperies that pull tight in

[*Turn to page*



Triple sliding doors in the Myers' bedroom are made of gum plywood, have holes as pulls. High windows in this wall provide privacy, leave wall space for beds. Windows project out for ventilation



Furniture in children's bedroom is scaled to their size, and will be replaced by larger furniture as they grow up. Floors are asphalt tile here and in all rooms except kitchen where linoleum was used



OY, THERE! Dad calls is "S. S. Hideaway" where he makes led ship models. ring daytime, the light floods this con- ted attic space with ural light. At night, en landlubbers come oard to inspect the t. the friendly wood ve keeps them warm. tice how the floor tern gives the room ook of generous dth. It's Sloane- bon's new diagonal tern 1681 in Inlaid noleum, edged with roseal* Cove Base. breeze to keep in pshape cleanliness!

*© B. F. Goodrich Co.



How to Have a Hobby Haven

Exciting new diagonal patterns in Sloane Quality Linoleum Products inspire these inviting hobby rooms.

'S NEVER LONELY! Young Pete, the radio nateur, spends his evenings talking to low-hams all over the country. When not the air, he's busy building new equip- nt. He designed his attic "radio shack," . The handsome floor is inexpensive ane-Blabon Resilient Enamel in the new gonal pattern 5290, edged with Koroseal ve Base. Good looking and so practical!



MOTHER PUTTERS WITH POTTERY! Yes, this beautiful room, complete with modern electric pottery kiln, was once waste attic space. But mother has a wonderful sense of color and design. You can tell by the floor. It's Sloane-Blabon's new Inlaid Linoleum diagonal pattern 1692, with Koroseal Cove Base trimming. Mother is practical, too! She knows how easy it is to keep this floor always looking clean and sparkling.

Look what happened to the attic! From waste space to a hobbyist's heaven . . . made attractive so easily by doing as decorators do—starting with the floor. Each of these decorator-perfect ideas started with one of Sloane-Blabon's beautiful new diagonal patterns that do wonders for giving "width" to narrow rooms.

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Heated by the su

evening. Along the opposite wall is a chintz-covered, deep-cushioned sofa that is lighted by a cove trough above it. The radio at the end of the couch is backed by a desk, and a coffee table for bouquets and magazines makes a comfortable and livable grouping.

"I wanted the photographs of our three children over the sofa, and I hung two of Ralph's paintings because I like them. One, of a crooked street in France, we placed over the hearth. The other seemed to belong on the free-form plaster screen which shapes our entrance hall. We don't use the front door much; most of friends come into the H through the kitchen door bec our driveway leads them that

"We use a corner of the l room next to the kitchen as dining area. It's handy, and table takes up little space. table also doubles as a ga table, and I often sew here.

"My husband had definite about our fireplace. It had t big, and unmantled. He brick painted white for the the lower part and hearth are tile set in a block-jointed mann

[*Turn to pag*



Sun through louvers casts interesting shadow pattern on opposite liv room wall. Since room is so light, colors in walls, furnishings, and covering are dark greens and browns. Push plate on kitchen (above right lamp) repeats shape of the partition behind the front



Thin draperies (left) control glare but don't obstruct solar heat. fireplace wall combines standard brick with thin red tile in the base hearth. The hanging spotlight illuminates one of Mr. Myers' paint

tinued from page 258



et wall of living room has high, strip windows that leave room below furniture. Fluorescent tubes hidden in trough light room indirectly. otlights in underside of trough provide light for reading at the sofa



ibbed glass panel lets light in beside front door. Free-form partition hields dining area from front door, helps stop northwest breeze from weeping through room. Acoustical tile ceiling follows slope of roof



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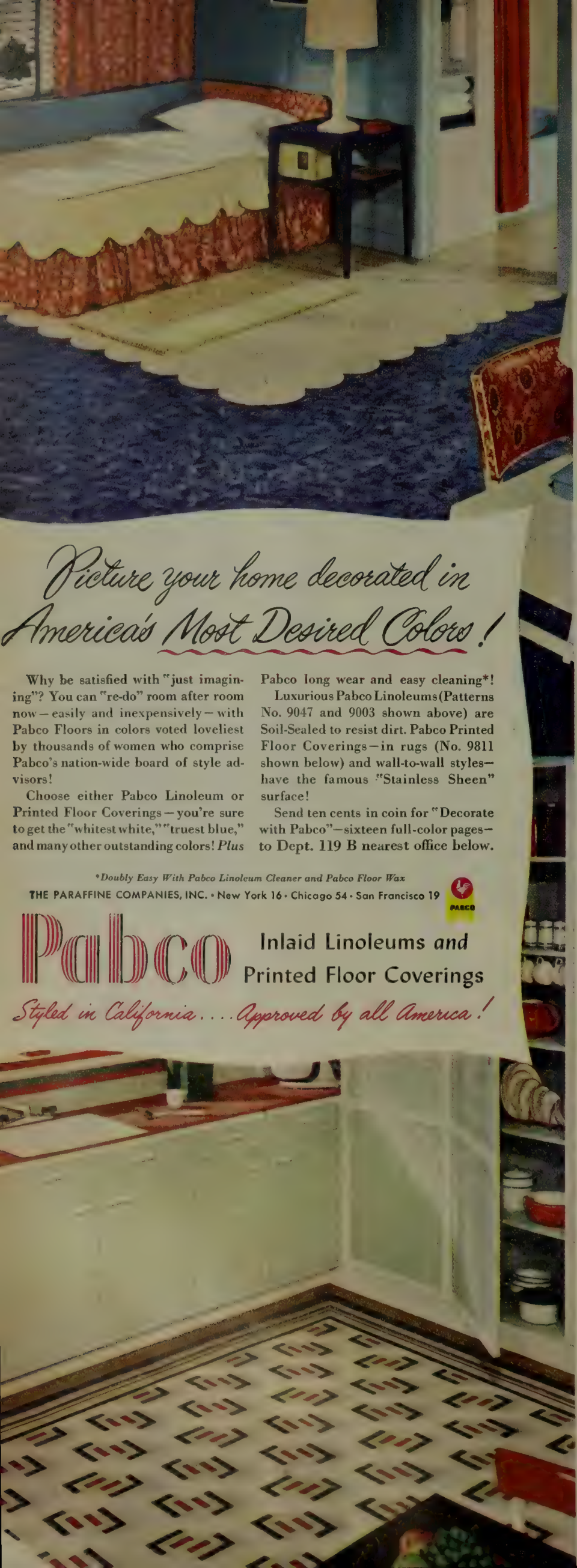
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Heated by the sun

Continued from page 2(

(The Myers' bedroom is an excellent example of good planning in a small space. The room is 11 by 13 feet, one entire wall is wardrobe space, and most of another wall is taken up by French doors to the patio. But high awning-type windows leave ample wall space, besides providing good ventilation. The other bedroom is where Marcia Jean, 6, young Ralph, who's going on 4, and 2-year-old Gordon sleep.)

"We planned everything here scale for young children. The lit Hollywood beds are a homema idea of Ralph's. He took stoc sized crib mattresses, and in basement workshop made a pla frame box out of 1x4's with sh legs. We got the idea because o first baby was always climbi over the railing and falling hea long out of bed. With these han crafted bed frames the children c fall only 15 inches.



Mirrored wall makes bathroom seem double its actual size. Other wa are structural glass. Ceiling and top of wall are green and white stripe Metal door to shower slides on tracks fastened to the top of the batht

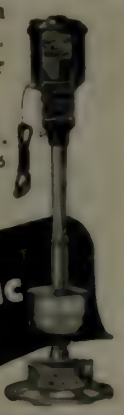


Exterior walls and roof are almost entirely shingled with wood. Pane at left of the front door—the sole exception—are plywood with 2x4 as battens. Note recessed spotlights in the soffit above the front do

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"The children like to climb in and out of bed themselves. It gives them a feeling of independence so that we don't have to discipline them about staying in bed. It works better than fencing in for our gang. And the room is easy to keep in order. I call it my soap-and-water room because rug, curtains, and bedspreads all take to the washtub.

"In fact our entire house is practical from a daily upkeep routine, and it fills every need now for our family of five. But I notice every once in a while my husband has a faraway look in his eye, and he begins to scratch on a tablet. Then I know he's dreaming up plans for a larger future home which will also have everything."

These meats make the meal

Continued from page 257

Fillet Mignon

Order tenderloin of beef cut 1½ inches thick. Each fillet will weigh approximately ½ pound or more. Broil 15 to 20 minutes for *rare*, 20 to 30 minutes for *medium*, or 25 to 40 minutes for *well done*. Turn only once. Season with salt and pepper, top with butter, and serve on a round of toast.

Sweet-Sour Pork

- 1½ pounds lean shoulder pork, cut in strips 2 inches long, ½ inch wide
- 2 tablespoons fat
- ¼ cup water
- ¼ cup brown sugar
- 2 tablespoons cornstarch
- ½ teaspoon salt
- ¼ to ⅓ cup vinegar
- 1 cup pineapple juice
- 1 tablespoon soy sauce
- ¾ cup green pepper, cut in strips
- ¼ cup thinly sliced onions, cut in strips
- 1 No. 2 can pineapple chunks

Brown pork slightly in hot fat. Add water, cover, and cook slowly 1 hour. Combine the brown sugar, cornstarch, salt, vinegar, pineapple juice, and soy sauce; mix. Cook until slightly thick, stirring constantly. Pour over hot, cooked pork; let stand at least 10 minutes. Add green pepper, onion, and pineapple chunks and cook only 2 or 3 minutes. Vegetables should remain crisp. Serve with hot, fluffy rice. Serves 6.

Pictures of your kitchen?

Have you been remodeling your kitchen or building a new one? We'd like to see some snapshots of it. Maybe we can publish it in *Better Homes & Gardens*. If so, you'll receive $25 and see your kitchen in a forthcoming issue. Write to Better Kitchens, Foods and Equipment Department, *Better Homes & Gardens*, Meredith Publishing Company, Des Moines 3, Iowa.

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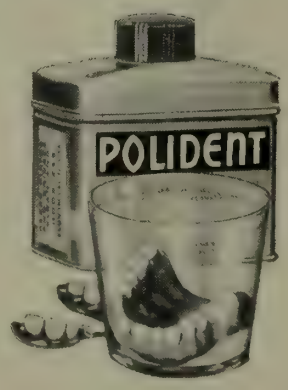
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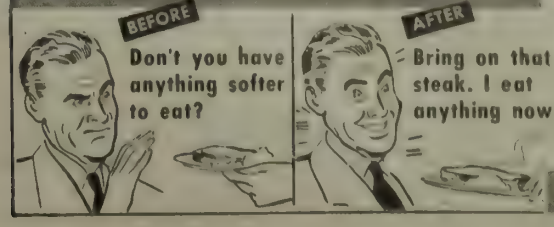
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POLI-GRIP

Rugs and carpets

Continued from page 227

that's woven seamless (on a broad loom) in widths of 3 to 30 feet.

Carpeting is woven in loops called pile. If these loops are left intact, the rug is said to have uncut pile. When the top of these loops is clipped, the rug has cut pile.

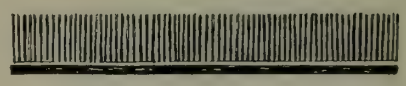
Check the quality of the weave by the density of the pile—you shouldn't be able to see the backing when you look down into the pile.

These are the common rug weaves:

Axminster is the most-used American rug weave because it is most popularly priced, and it can be



Uncut pile



Pile with tops of loops cut

made in an unlimited number of patterns and colors. Axminsters have long, thick, deep, cut pile that gives the rug an easy feel underfoot. The longer and denser the pile the greater wear you can expect.

Velvet weaves have short, compact, cut pile; they are often made in solid colors. *Frieze* is a velvet weave made from a twisted yarn which gives the surface a pebbly look and hides footprints. *Tapestry* is an uncut velvet weave.

Wilton rugs have a velvety surface with thick, compact, erect, cut pile. Grade for grade, Wilton wears longest of any weave. Wiltons are made from short-fibered woolen yarns (and called wool Wiltons), or from long-fibered worsted yarns (and called worsted Wiltons). Worsted yarns give the rug a subtle sheen, make the best-wearing carpets.

Wiltons are usually limited in their colors, however, since a frame is required for each colored yarn and only five or six frames can be used on one rug. *Brussels* rugs might be called uncut Wiltons since they have a short uncut pile woven on the same type of loom.

Chenille weaves have the thickest, deepest pile of them all. Chenille rugs can be made seamless in widths up to 30 feet in any shape, pattern, or color.

Smyrna weaves are reversible, or double-faced, with pile on both sides of the carpet.

Orientals are hand-woven; each tuft is separately tied with a special knot. Each rug is valued separately for age, rarity, beauty of color and design, quality of wool, length of pile, and fineness and number of knots. Antique Orientals are those woven 50 or more years ago.

Flat weave rugs have no pile; they're woven, felted, hooked, knit or braided by machine or by hand.

Is a rug pad a must?

Yes, a good rug pad prolongs the life of a rug or carpet by years.



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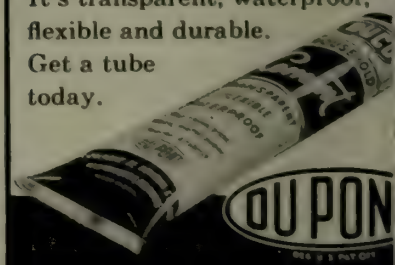
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Tests have proved that pads actually increase rug life 75 to 100 percent. The pad smooths out unevenness of the floor and distributes the shock of traffic. It protects the rug backing from dryness or damp. A pad also acts as a good insulator



and deadens room noises. The finest pads are made of cowhair, jute, rubber, or latex.

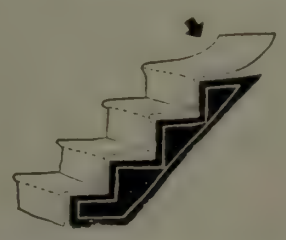
Rug pads should be slightly smaller than the rug so that the edges will lap over smoothly. Rug pads with a raised design on one side should be laid smooth side up. Hair and jute pads may be cleaned with a vacuum cleaner with the brush or beater disconnected—not with a carpet sweeper or broom. Rubber or latex padding can be cleaned with vacuum cleaner or soap and water.

What is the best way to lay carpeting?

Let the dealer solve the problems of laying your carpet—he's an expert. If the carpet isn't properly fitted to allow for changes in humidity it may shrink or pucker. Whenever possible keep the seams out of the line of constant traffic.

How should stair carpeting be laid?

Stair carpeting should have a thick, tight pile. Install it with underlays of rug cushioning, especially at step edges, to get the most wear. Stair carpet should be cut 8 to 12 inches longer than necessary with the extra length folded under in one or two risers at the top. Then you can shift the carpet an inch or two downward when it begins to show wear over the nose of the tread. Worn sections will be hidden on the risers.



Shift carpet down so worn spots would be on risers, and fresh carpet on treads



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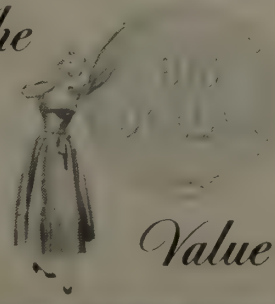
EXCLUSIVE SAFTEE SWITCH—Norge is super-safe. The Saftee† switch, located out-of-reach of busy little fingers must be turned to *on* position before the range can be operated.

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Additional Features include the Selector† switch, Minit-Master†, Char-Coil† broiler, warming drawer, big "picture window" oven with balanced oven heat, one-piece porcelain enamel top and backrail.



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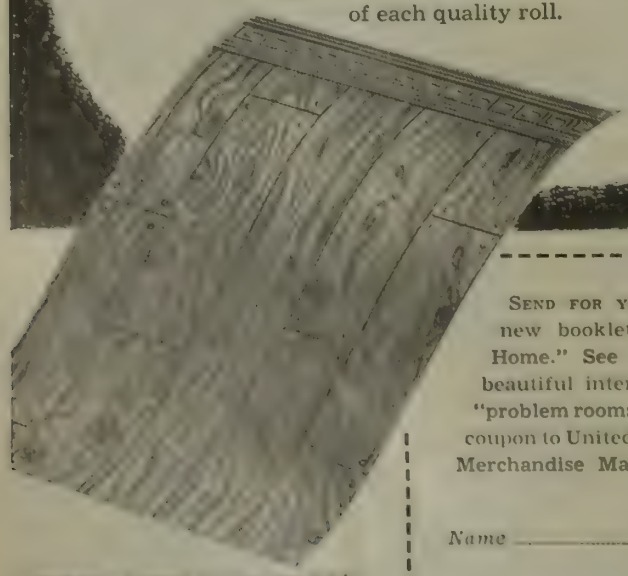
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highly centralized government takes control of any phase of our national life.

What will be the value of equality of opportunity for our children if their minds are not free? What good is cultural literacy if what children are to learn shall be dictated by preconceived ideological notions of those in power?

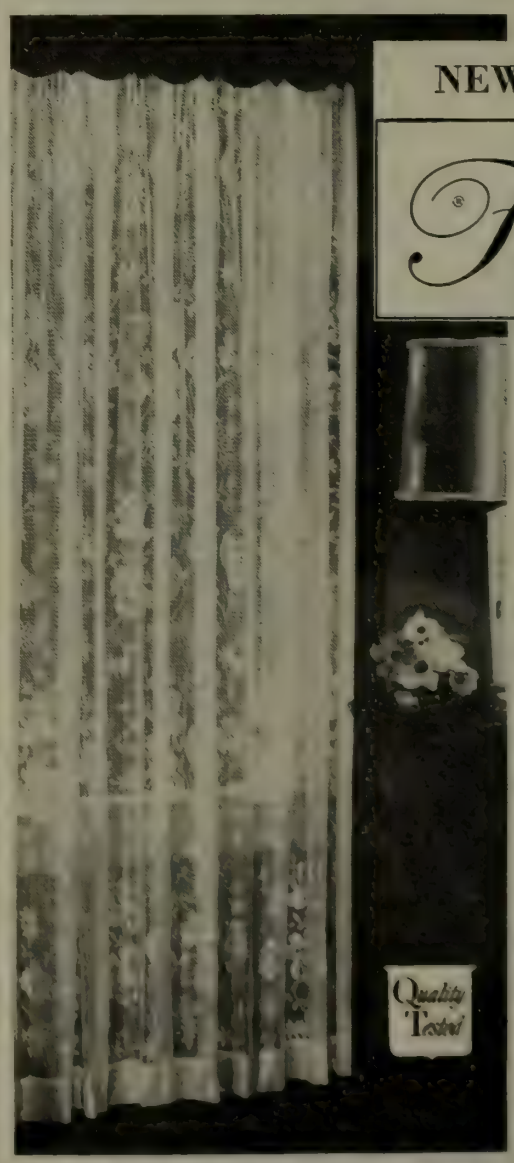
There are some who believe that such questions are without merit, that never would it be possible for our government to become the dictator and arbiter of our American way of life. It is very likely that the Germans did not believe that the National Socialist Party, when it came into power, would capture the minds of German youth, but it did. All of the vaunted literacy of Russian children produces only closed minds when an arbitrary government, financing the educational process, determines what the truth is and how it is to be taught.

Loss of freedom of action, speech, and thought is the inevitable outcome when any government becomes so centralized and powerful that it exercises disciplinary control over the life of a people. History is replete with instances which give validity to this statement.

In colleges and universities now, more than half of the young people are taken care of by institutions independent of tax support, a which exist as free institutions our society. The other half recei its education through institutic supported by the states, with so secondary assistance through loa and grants from the federal g ernment.

But the present bill and legis tion contemplated for future acti will ultimately result in a federa controlled system which will fi of all absorb the state-support institutions and finally swall up the last of our great free insti tions, the privately endow schools. For when the federal g ernment enters directly into t solution of these problems, a other great federal bureaucra will be established. The existi state mechanisms for educatio administration will be overbu dened, and attempts of bo groups to perpetuate themselves office will inevitably follow. In a conflict between the state and t federal government, there is on one winner.

I have no quarrel with the an ysis of our national educatio problem as it has been made by t advocates of federal aid. But I a whether states could not do t job themselves if they were willi to effect economies in administr tion, eliminating marginal and i relevant functions, simplifying t assessing and collecting of taxe



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"Fred Thompson's wife always helps him do the dishes."

and in general putting first things first in state and county government. The validity of this assumption is clear to anyone who is familiar with the archaic system of government existing in the majority of our states.

If the federal government would make educational grants to the states and *insist* on certain economies of state management, a greater efficiency in state administration would result. And we wouldn't be saddled with a new federal bureaucracy. Many federal legislators would like to see this policy followed. But there is a strong and compelling group, influential in high places, who want no such reasonable and efficient procedure. These people are definitely committed to the idea of a paternalistic federal government. And its ultimate outcome would be a highly controlled form of state socialism. Herein lies the hazard and the peril.

I have said the Thomas Bill is not the end. The President's Advisory Commission on Higher Education recently issued a report which has, on the whole, been approved by the President and his

[Turn to page 312



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How good is panel heating?

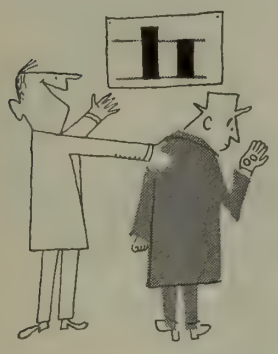
Not very, say skeptics. We like it, say those who have lived with it

In Sun Valley you can sunbathe with your shirt off in freezing weather. Your body absorbs heat radiated by the sun, and you are comfortable, though the air around you is cold.

On this fact is based the theory of radiant panel heating for homes—warming occupants of a room by heat rays from built-in panels. You can get this heat from pipes laid in a concrete floor, or from coils built into the ceiling or walls of your home. The story of panel heat is dramatic. It's also a true story: Panel heating *can* keep you warm in a cold room. But is it better than other home heating systems? Is it only a newfangled idea with serious drawbacks?

Since it first gained prominence, radiant panel heating has been the subject of debate. Below, *Better Homes & Gardens* presents the criticisms its editors commonly hear, together with comments by homeowners who live in radiantly heated houses and by manufacturers of radiant-heating equipment.

HIGH COST



Criticism:

Panel heating costs about 20 percent more to install than comparable heating systems of other types. Thicker insulation is required with radiant heat, and reflective insulation must be added, since heat rays are involved. So up go costs of installation still further.

Comment:

Owners of homes heated by panels say that cost of installation is about the same as that of a conventional hot-water system. Cost of operation—fuel cost—is lower than with other systems, regardless of the type of fuel used.

Insulation does its job regardless of the type of heating, and any statement that reflective insulation is required is completely false.

COLD FEET



Criticism:

Your legs and feet may be cold when they are under a table or desk, and thus shielded from the heat rays of a ceiling installation.

Comment:

No homeowners interviewed notice cold on legs or feet. If you lie in the sun on a spring day with your feet in the shade of a tree, your feet don't get cold. The principle is the same.

HOT HEADS



Criticism:

The high temperature of a radiant panel installed in the ceiling may make you uncomfortable when ceilings are as low as 7½ feet. And when the ceiling is too high, it may be impossible to get adequate heat.

Comment:

Owners do not complain of feeling too much heat on their heads when standing below ceiling installations. In fact, they are enthusiastic in contending that panel heat is the most comfortable they have ever experienced.

Ceiling heights as low as 7½ feet are rare and not good architecture. At the other extreme, rooms with 20-foot ceilings are being satisfactorily heated by radiant coils.

More on page 270



It's in all the new kitchens!

e front of that big locomotive takes a terri- beating!

iving it a protective coating which would istand all kinds of weather and the abrasion and and cinders was almost impossible— il an extra-tough finish was perfected by it and finish scientists.

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ook around a bit and you'll find other fin- s, just as durable, just as beautiful, making r life easier, safer and more comfortable. instance, the coating on your linoleum, ch helps make it last so long . . . or that s-like finish on your refrigerator.

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Hot floors



Criticism: Temperatures above 95 degrees may soften and damage linoleum cement, may dry out wood flooring, and may cause carpet fibers to deteriorate within five years. When the floor is heated below 85 degrees, a fairly safe point, you may not get enough heat to keep warm. That limits the range of operation rather closely. A change in floor covering may throw the whole system out of balance, for there is a difference in heat transmitting qualities of various floor coverings.

Comment: Though several owners of homes heated by panels complain that bare concrete is hard on their feet, they are not bothered when concrete is covered with rugs and pads. Carpeting, hardwood, linoleum, and asphalt tile have not affected the heating ability of floor panels.

True, 95 degrees may be too hot for most floor materials, but 95 degrees should never be reached. Temperatures should vary between 75 and 92 degrees, and good quality floor coverings should not be damaged within that range.

Heat absorption



Criticism: Furniture absorbs radiant rays in the same way your body does. When the temperature of furniture rises, it heats the air, thus putting an end to the fallacy about being warm in a "cold" room. Floors and walls also absorb heat and warm the air by convection.

Comment: If room surfaces could be made hot enough, you could be comfortable with a very low air temperature, but this is neither desirable nor practical. The truth is that you can be comfortable in rooms heated by panels with *slightly lower* air temperatures than with other systems.

Leaks



Criticism: It's true that leaks are not likely to occur in a carefully installed system. Yet some manufacturers recommend that you keep a copy of the blueprint locating all the joints in the system.

Comment: Though panel-heating systems as old as 20 years are still providing trouble-free service, having a blueprint on hand is an excellent idea as accident insurance. No piping system is 100 percent foolproof. This is no more a disadvantage in panel heating than in any system of pipes.

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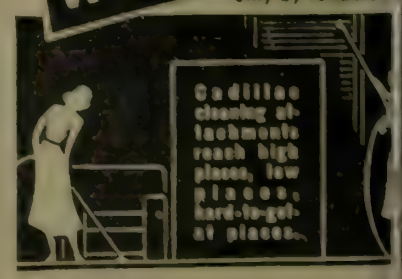
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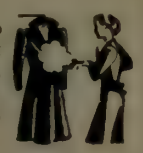


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No air movement

Criticism: A panel heating system in the ceiling doesn't put any air in motion in a room. Cigar or cigarette smoke may hang motionless in layers, rather than mixing with the air throughout the room.

Comment: Any surface that is heated above the temperature of the air in a room will make that air move. But motionless air isn't desirable; neither is a current of warm air. What panel heating does is reduce air motion and eliminate cold drafts and dust-disturbing currents.



Dust

Criticism: While ceiling panels cause no air to move, installations of panels in the floor will cause a movement of air, because air in contact with the floor rises as it warms. This current of air tends to lift dust off the floor and keep it in the air.

Comment: Owners' statements contradict this. They say that draperies, walls, and furniture stay clean longer than with other systems. More than half add that they have had fewer colds since moving into a house heated by panels, largely because of reduced drafts, dust, and dirt.



Controls

Criticism: One manufacturer says that a heating panel in a concrete floor 4 inches thick "may cause a virtually insurmountable control problem" in a house with large window areas, and built of frame construction. Reason is the large difference in the heat transmitting qualities of concrete, glass, and wood.

Comment: How to control the temperature of a room heated by radiant panels is still a controversial question. Research shows, though, that the same controls used for conventional hot-water systems can be used equally well with panel heating. In the average home, panel heating isn't hard to control; it's less conventional construction—such as great expanses of glass—that makes temperature control difficult, regardless of the type of heat used.

More on page 277



How to decorate your bathroom with daylight

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at your

service

Again this month your service column is devoted entirely to answering questions on child care and training. The responses below are taken direct from the pages of the *Better Homes & Gardens Baby Book*.



Q *Our little boy is 3 now and has begun to stammer in his speech. Is this a serious matter or will he grow out of it?*

A Somewhere around the age of 3, many children begin to stutter, and again the parents are worried. There is no particular need to be, for a child who has talked properly once has shown that he possesses the speech mechanism to do so again. Perhaps your child is overtired or emotionally strained. However, if the condition continues, expert help should be sought.

Q *What is the best way to remove crust from baby's head?*

A If crust called "cradle cap" forms on the scalp, wash hair daily, soaping and rinsing well. Soften crust on scalp with an application of oil at night.

Q *How soon should bowel training be started?*

A Most doctors suggest that bowel training wait until the baby can sit up strongly. The little toilet seat may then be put over the bathroom stool, and much fuss and bother is saved. But there is no harm in beginning, any time after the movements have become regularized, to try to catch them in a chamber.

The *Better Homes & Gardens Baby Book* is really two books in one—a complete and authoritative child care and training guide, prenatal through the sixth year; and a useful record book. More than 750,000 mothers are users of the *Better Homes & Gardens Baby Book*.

You can get your copy at infants' wear, book, and department stores everywhere. Or send your order direct to *Better Homes & Gardens*, 5504 Meredith Bldg., Des Moines 3, Iowa.

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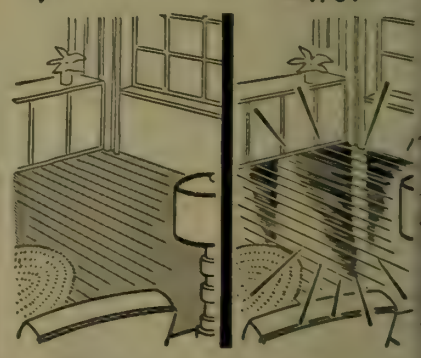
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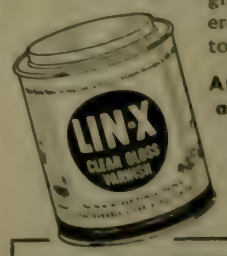
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our dog and mine

Photograph: George Fletcher



Take care of your dog's teeth and avoid costly dental treatment

By Russell K. Lowry

Some of my dog's teeth are working loose, and his breath is awful. His teeth are packed with tartar around the gums and many are bleeding. How can I prevent this condition?—A. W. A., Illinois.

A dog's teeth are subject to the same troubles as a human's—tartar deposits, cavities, pyorrhea, dental fistulas. Right from the start, a dog's teeth need brushing. It's a regular ritual in all well-run kennels. Believe it or not, lots of owners write us they have their dogs' teeth examined twice a year (orchids to them!). A good, economical tooth powder is 1 part salt, 1 part mild soap chips, 1 part pumice powder, 2 parts baking soda. Use a human-type nail brush. Scrub thoroughly, then rinse the dog's mouth. Pick out any imbedded food deposits, too. In your dog's case, have a veterinarian scrape off tartar and treat the remaining teeth to save those he can.

I recently got a 5-weeks-old female Cocker Spaniel as a companion for my children. But we don't intend to go into the dog-breeding business. Will it ruin the dog to have her spayed?—Mrs. W. B., Illinois.

Spaying often takes spirit out of a female. She becomes lazy, develops a big appetite, and grows fat. Aged spayed females sometimes develop complication such as losing bladder control. I wouldn't have it done to a female dog of mine, but many do.

Should we feed our dog raw eggs, and how often should he have them?—C. L., Maine.

Most dogs have trouble in handling egg whites, are even allergic to them. Feed only the yolks. Yolks are excellent for dogs. Stir a yolk into a pan of warmed milk every other day as a light morning meal.

Our dog disappears all day, comes home only to eat and sleep. I whip him, but he does the same thing the next day. How can I teach him to stay at home?—R. P. S., Idaho.

It's almost impossible to cure a roamer, once he finds excitement elsewhere. The only thing you can

---

▶ Have you a problem in dog feeding, care, training, disease prevention? Address your questions to Russell K. Lowry, "Your Dog and Mine" Editor, *Better Homes & Gardens*, Des Moines 3, Iowa. Enclose a stamped, addressed envelope.

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It's veterinary-approved . . . the *only* Ribbon-type dog food available!

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It's Smackin' Good...it's Kellogg's

Your dog and mine

Begins on preceding page

do is confine your dog in the house or in a fenced enclosure. If you do this, the idea of roaming will gradually wear off. Spanking and scolding a dog after he returns from his jaunt won't help. He doesn't know what the punishment is for.

Our year-old dog, part Collie and part German Shepherd, has a terrible habit of growling and going for strangers as if he's going to eat them up. He has bitten the milkman. Is there any chance of correcting this?—Miss E. J., Maine.

The trick in correcting any bad habit is to do it dramatically, right in the midst of the wrongdoing. Have a pan of water handy. When your dog puts on his demonstration, let him have the water full in the face—and shout a loud "No!" The word becomes a symbol of forbiddance for all crimes. Half a dozen such lessons should suffice.

We will soon leave on a long motor trip, from Philadelphia to Seattle. Shall we take our dog along, or is it too much of a worry? How does one feed a dog on such a long trip? And what about overnight stops—where can he stay?—Mrs. A. F. J., Pennsylvania.

Take the dog along. He'll get as much fun out of the trip as any member of the family. It's easy to feed a dog on a motor trip these days, too. Canned dog food, packaged dry dog food and cartonmilk bought along the way makes mealtime a simple chore. One of the leading dog-food companies offers a hotel and motor court guide listing places that welcome dogs.

My year-old Cocker Spaniel never seems to pay any attention to me any more although I give him lots of attention, feed him well and play with him. What can I do?—Miss A. L., Texas.

Frankly, I think you are playing up to your dog too much. It's a dog's nature to want to do most of the adoring. Lots of dogs, notably Cockers, don't care for all of this solicitous attention, become bored with it, and sometimes show their resentment by growing conceited. In some cases, they turn into domineering bullies. I'd adopt a strict, exacting attitude. Spend some time in training your pet in simple obedience commands.

My dog has dermatitis, but nothing seems to relieve the persistent itching and scratching that it causes. What really is dermatitis? Can it be cured? I feed her shredded wheat, oatmeal, milk, and table scraps.—A. M. H., West Virginia.

Dermatitis takes in a lot of ground. Almost any skin disturbance, from a simple itch to a violent case of eczema, is dermatitis. Give your dog more proteins (meat) and less carbohydrates (starches, sugar), and underfeed him for a while. Do not bathe your dog at all—just brush and comb him. Give him all the air and exercise you can.



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They're here—five new Crosley style leader Crosley Sedan Deluxe is bigger! It's the word in American design. New speed-line rich interior, choice fabrics. Seats 4 with luggage room. Crosley—the world's biggest Station Wagon—has larger, longer body lin steel. No increase in price. New Crosley Co ble gets admiring glances wherever it goe smart Crosley trucks save money by the mil

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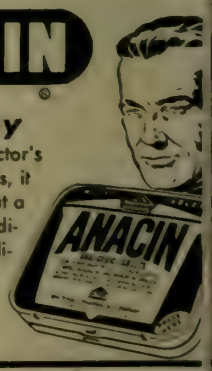


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Discipline without dithers

Begins on page 121

time for friendship amongst themselves. Teachers learn that children sense friendliness in a classroom. It's true at home, too.

Draw your youngsters out

Let them share in the family talk. *Listen* to what they say, and answer patiently. Teachers who monopolize the recital become disliked. It certainly doesn't help the popularity of a parent either.

Don't lie to your children

It's better to give a sensible reason why they may not have more candy than to tell them it's all gone. A good teacher depends on frank understanding. Parents should, too.

Don't be sarcastic

For every bright, brash child who is stimulated by sarcasm, there are 20 who cringe inwardly and acquire an inferiority complex. At home, the child who is ruled by sarcasm becomes rude and forward or else loses self-confidence.

Don't raise your voice

A hard rule at home; even more difficult in a class of 40 youngsters! However, a well-modulated voice in itself commands attention, and is moreover a good nerve-tonic for both the adult and the children involved, because it lessens the tension. A teacher who constantly shouted would go home each day a nervous wreck. And, what's worse, she'd lose the respect of her pupils and her fellow teachers as well.

Set up family rules and standards of behavior

It is a good rule of life to remember that the world judges us largely by our own standards. If we make sensible, efficient rules for happy family life, children live up pretty well to what is expected of them.

If you seriously try to follow a good teacher's indirect means of controlling children, you will discover it's not difficult. It's well to remember that each child is a separate individual with rights of his own. Respect them, and he'll react to your rulings with a feeling of justice, not resentment.

The cloak of vanity

One beautiful but cold day, I was to wear a new, gay, plaid dress to school. I felt that such a lovely dress should never be covered with a coat even on a cold day. So away I went without a wrap.

On our way home a group of girls stopped to chat and someone asked me if I were cold. Before I had a chance to answer, an older girl, whom I admired very much, quickly remarked, "Pride will keep Laura warm."—*Mrs. Laura E. Blodgett, Minneapolis.*

"MY MOM'S SMART! I'M A POWDER BABY!"



A baby has *plenty* to crow about—when his mother keeps him smooth and sweet with Johnson's Baby Powder!

For silky-soft Johnson's feels so *good* to a baby's tender skin. Helps chase the little chafes that *hurt*... make baby cloud up and cry!

"MY MOM'S A GENIUS! I GET LOTION TOO!"



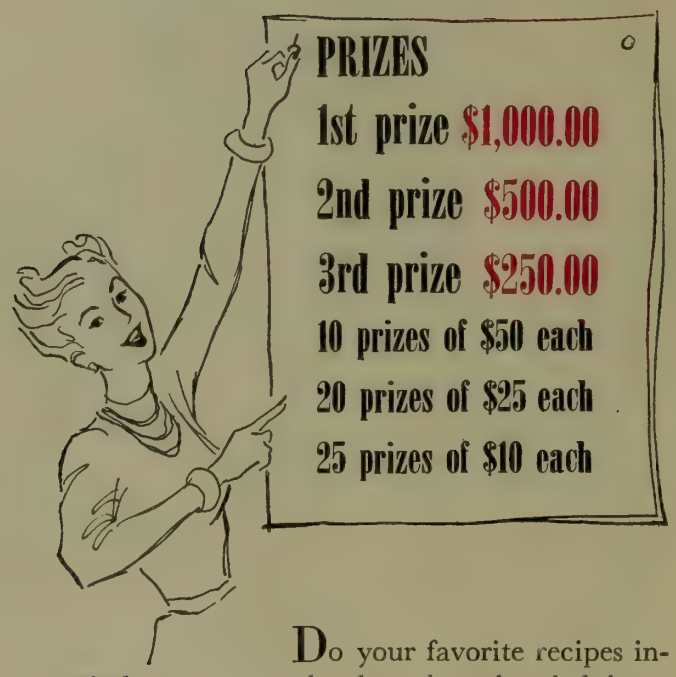
***Your* baby can benefit** from a new hospital-proved kind of skin care! Add smooth snow-white Johnson's Baby Lotion to his routine!

Use Johnson's Baby Lotion *exactly like baby oil*. Hospital tests on over 2,000 newborns prove Lotion far more effective in preventing prickly heat, and other irritations. Before Lotion—as high as 50% of the babies suffered. With Lotion care—the figure dropped to an amazing 3%! Get Johnson's Baby Lotion for *your* baby!

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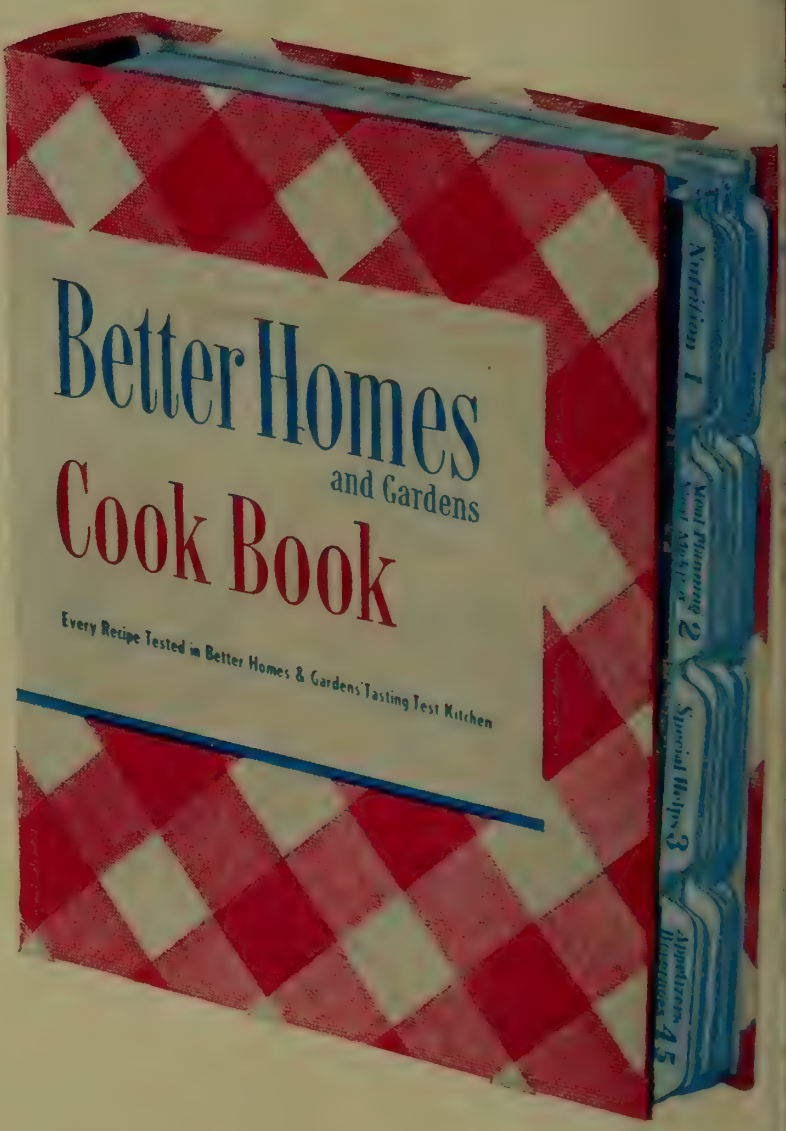
Do your favorite recipes include one or two that have been handed down in your family? Or recipes to which you have given some unique personal twist?

Then be sure to enter *Better Homes & Gardens* $3,000 recipe contest. It's fun to share your special recipes with other *Better Homes* families . . . and the 58 cash prizes are well worth winning . . . especially the top prize of $1,000.

The contest is a salute to the *Better Homes & Gardens Cook Book*, which has just passed the 3,000,000 mark . . . a new record for any cook book, making it one of the six best sellers among all books published in America.

This is a good time to get your *Better Homes & Gardens Cook Book*, if you don't already have one. See why so many women call it their most usable cook book . . . the one they prefer above all others. Only $2.75 (Canada $3) at leading book or department stores, or order postpaid from 6004 Meredith Bldg., Des Moines 3, Iowa.

Remember the contest closes April 30 . . . so read the simple rules now . . . and send in your entry soon.



America's Best-Selling Cook Book

now-more than 3,000,000+ copies sold

HOW TO ENTER

1. Write one of your favorite original recipes on a plain sheet of paper, using only one side of the sheet. By original recipe we mean one that you have created or one that has been handed down in your family—not a recipe already published. Be sure to give exact measurements and complete instructions for accurate testing of the recipe. Please classify your entry according to chapter (tab) in the *Better Homes & Gardens Cook Book* under which you think it classifies.

On the back side of the sheet on which you wrote your recipe, complete this statement in 50 words or less, "I am an owner of the *Better Homes & Gardens Cook Book* and I like it because———————————————————————————————."

2. Mail your entry to Recipe Contest, *Better Homes & Gardens*, Des Moines 3, Iowa. No entry blank, coupon, or premium is required.

3. All entries must be mailed during the period of February 25 through April 30, 1949, and postmarked not later than midnight of April 30.

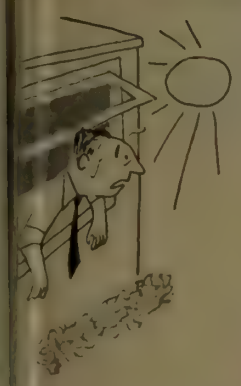
4. Entries will be judged on the basis of originality, taste and appearance, and clearness of presentation. Decisions of the judges will be final. Duplicate prizes will be awarded in the event of ties. No entries will be returned and all entries and ideas therein become the property of the Meredith Publishing Company and may be published without obligation. This contest is subject to state and federal regulations.

5. The grand contest prize is $1,000 in cash, for the best entry as described above in paragraph 4. Other prizes are: 2nd prize—$500; 3rd prize—$250; 10 prizes of $50 each; 20 prizes of $25 each; 25 prizes of $10 each. The total amount of prizes to be awarded is $3,000.

6. Any resident of the United States or Canada may enter the contest, except employees of the Meredith Publishing Company, its advertising agencies and their families.

7. Winners will be notified by mail within 30 to 60 days after the close of the contest. A list of winners may be obtained by sending a stamped self-addressed envelope to the contest address 60 days after the close of the contest.

Slow heating, slow cooling

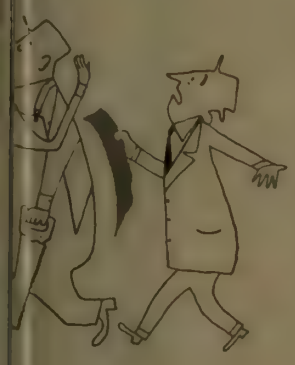


Criticism: Because of the bulk of a concrete floor and the great amount to be heated, a floor panel is slow to heat up and to cool off. Sudden sunshine may leave you and your house overheated. And you can't get rid of radiant rays by opening a window. Most thermostats change as air temperature changes, but maintaining constant temperature isn't enough in a panel system.

Comment: A number of owners of homes heated by panels have the same criticism, though the degree of heat lag seems to depend on the type of construction. With heavy panel systems—that is, large pipes in the floor—it takes some time to heat up the system. When the floor is hot, the floor material and rugs contain so much heat that rooms become too warm before the system cools down.

Complaints about heat lag in ceiling coils are few, since the entire system is lighter and the amount of material to be heated is less.

One solution that most owners find quite satisfactory is the use of dual thermostats, one outdoors and one inside. As the outside temperature falls, the outside thermostat calls for heat, before rooms begin to cool. In this way, the room begins to warm at the same time that it would normally cool, and temperatures do not vary.



Inadequate design

Criticism: Not enough engineers and architects know how to design an adequate panel-heating system, adapted to the climatic conditions where you live, and even fewer contractors know how to install and test a panel-heating system.

Comment: True, panel heating is as good or as bad as its design and installation. Many of the people who design and install radiant panels don't understand their do's and don'ts. You wouldn't go to an automobile mechanic to get your teeth fixed; yet many people will accept anyone's counsel on radiant heat.

Some manufacturers have overemphasized the advantages of panel heating. It isn't a cure-all, but it does have advantages over conventional heating, just as it has disadvantages. Yet nearly everyone who has lived with panel heating is enthusiastic about it.

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APRIL GARDEN GUIDE



In all sections:

- Move house plants to a shady spot outdoors when frost danger is past
- Repair garden walks
- Prune spring-flowering shrubs after bloom
- Kill weeds while they are tender
- Apply wood ashes saved during winter and cultivate into soil
- Pinch off peony side buds for larger bloom

SOUTH

Prune spring-flowering shrubs after they are done blooming. Don't use hedge shears, and prune to plant's natural shape, not a ball or pyramid.

Plant summer-flowering bulbs like amaryllis, caladiums, cannas, daylilies, gladioli, tuberoses, and zephyranthes. Feed azaleas and camellias liberally when in full bloom; a second big feeding comes six weeks later.

Feed lawns if you haven't done so, 50 pounds of complete plant food for each 1,000 square feet. Apply 2,4-D to lawns and seed bare spots, but don't do both at the same time. Plant bluegrass mixtures in Upper South; in the Lower South use hulled Bermuda grass, with centipede grass or *Zoysia matrella* for shady lawns.

Feed roses, 5 pounds of complete plant food for each 100 square feet of bed. Dust or spray weekly. Prune hardy climbers like Paul's Scarlet when they are done blooming. Finish planting dormant roses in the Upper South.

—W. Elbridge Freeborn

TEXAS-SOUTHWEST

Divide and reset gingerlilies, crinum, trailing lantana, and Michaelmas daisies. Plant tigridias, montbretias, amaryllis, ismene, and all other summer-flowering bulbs.

Feed azaleas, and give peonies a feeding of bonemeal immediately after they bloom. Give roses an all-purpose plant food after their first heavy bloom.

Plant rudbeckia, liatris, monarda, hardy salvias, sunflowers, and yucca. Set out potted plants of plumbago, shrimp plant, and poinsettias; use cuttings of poinsettia tops to start plants for next Christmas.

Put cannas and caladiums into open beds the middle of the month; remember that caladiums need some shade and a liberal amount of water.

Set plants of tomatoes, eggplants, and peppers into the vegetable garden outdoors. Be sure to use cutworm guards, or put a ring of poison bait around each plant.

—Marian Price Scruggs

CENTRAL-EAST

Uncover roses and spray stems and surrounding soil agains black spot before leaves are out. Prune hybrid teas to 3 or strong canes and cut those canes back to 8 inches. On hybri perpetuals remove only deadwood and canes less than penci size; tie rambler roses to their supports and take out onl winterkilled wood.

Set out strawberries, rhubarb, currant, raspberry, an gooseberry as soon as ground is dry enough. Trim established raspberries when danger of freeze-killing is past.

Set out plants of cabbage, broccoli, cauliflower, head let tuce, and kohlrabi. Sow seeds of peas, lettuce, radish, spinach mustard, kale, chard, and parsley.

Trim late-flowering shrubs such as althea, low forms o spirea and hydrangea. Rejuvenate overgrown shrubs by cut ting all growth to within 2 inches of the ground.

Start seeds of hardy annuals like petunia, snapdragon an larkspur in the coldframe. Set out small pansy plants, as wel as perennials, cut tops off old perennials.

—Harvey Bicknel

PACIFIC NORTHWEST

Feed lawn with a plant food heavy in nitrogen. Kill weed with 2,4-D and be sure to pick a warm, windless day so tha drifting spray won't kill other plants.

Plant all shrubs and trees, including roses, as early in th month as possible unless a late spring has kept ground col and wet. Mulch the ground around the plants to protect root from drying winds.

Move magnolias as soon as growth has definitely started Feed tulips, narcissi, and other spring bulbs early in th month with a balanced plant food.

Spray or dust roses when first leaves unfold and repeat a 10-day intervals. Give each bush a cupful of balanced plan food, sprinkle it around the bush, rake lightly, and then wate into ground.

—Ada V. Turne

CALIFORNIA

Plant gladioli, yellow callas, tuberoses, montbretias, an tigridias unless weather is bad. For shady spots use fuchsias impatiens, lobelias, and tuberous begonias; transplant them from pots if you want immediate bloom.

Sow almost all vegetables: feed and water them liberall because slow growth makes them hard and bitter.

Treat soil with DD fumigant if you find knots and bunche on plant roots; nematodes are the cause.

Mulch your roses, feed them with high-test plant food, an spray to control insects and disease.

—Alfred C. Hotte

This much VIGORO*

(heaping tablespoonful per sq. ft.)





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VIGORO—complete, balanced plant food—supplies all the essential plant nutrients flowers must get from the soil for best growth and development.

Roses are no exception! They, *like all plant life,* must get many different plant nutrients from the soil to grow extra large, colorful blooms, healthy leaves and long stems. Few soils, however, supply these vital food elements. But what nature leaves out, Vigoro can provide. For Vigoro—complete, balanced plant food—supplies all of these vital food elements—provides them in ample amounts. Get Vigoro from your garden supply dealer—feed it right away to everything you grow—and at regular intervals.



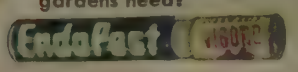
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...new improved lawn weed-control destroys over 100 different weeds!



EndoPest . . . provides all the pest protection most gardens need!



Both of these plants were grown in the same soil, with the same amount of moisture and light. But one was given regular Vigoro feedings—the other wasn't!

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UNITED STATES STEEL

The how of hoeing

Q What is the correct way to sharpen a hoe? My neighborhood is just about evenly split in an argument over whether the front or the back of the blade should be filed. Which is right? L.C.E., Tennessee.

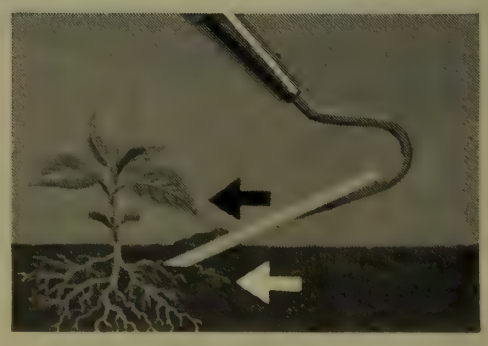
Photographs: Stanley



The front of the blade should be sharpened; to understand why consider the way a hoe is used. Its blade should slide along just under the soil surface in order to nip off weeds below ground. Hoeing too deep damages roots of garden plants



A hoe must be kept sharp in order to do its work properly and with the least effort on your part. You can't get proper results unless the forward edge of the blade is sharpened, as shown. Diagrams below tell reason why



Here in cross-section is a properly sharpened hoe in action. The filed edge slides through the ground parallel to the surface while the sharp forward edge cuts easily through the soil and slices weeds off cleanly and neatly



And here's what happens when the back of the blade is filed. The angle now tends to pull the hoe deeper into the ground. Worse yet, the leading edge is blunt so that it pushes soil ahead of it instead of cutting through. Weeds are pulled by brute force instead of cut off with only slight effort

More clinic on next page



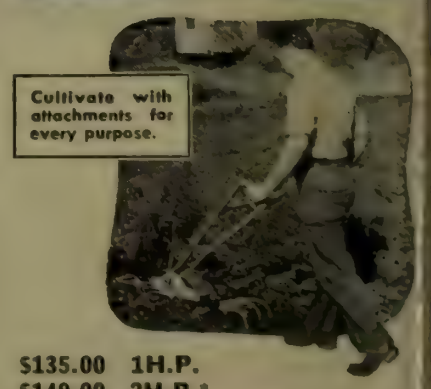
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Starting begonias indoors

I'm planning to try tuberous begonias this year for the first time. Should I start them early indoors?—W. J. G., New Hampshire.

Photographs: Stanley



Tuberous begonias should be sprouted indoors in moist peat in a warm place, but wait until April. A slightly depressed saucerlike area identifies the top side of your tuber. When white growths push out, you can remove the tubers from the peat and pot in rich soil. Don't delay this operation too long or you will break off many roots.



Tuberous begonias are very sensitive to frost, so must not be moved to your garden until all danger of frost has passed. The March *Better Homes & Gardens* on pages 246-247 gave complete directions for handling them.

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Rose-Acacia Monument. This with its poplar-like form is the belle of its family. The many pea-blossom flowers are pink with a rosy cast. Just the thing to plant where you want a pillar of pink in May, but have little space, and a soil that's not too rich.

Tamarix. These blue-gray-green shrubs burst into lovely clouds of small pink flowers in summer even though grown where there's a lot of wind. They also tolerate salt air and a sandy, or otherwise poor soil. Excellent for cutting. To keep them small, cut tamarix back to 12 inches in spring. You'll still get clouds of pink bloom.

Beautybush (Kolkwitzia). For a 6- to 8-foot flowering screen, plant a row of these shapely hardy shrubs. Or give one a corner where its amazing production of small flesh-pink flowers can be enjoyed each spring. Although usually slower than the others on this list to start blooming, beautybush is long-lived and a refined-looking shrub at all seasons.

Anthony Waterer Spirea. Quite the opposite, this low-growing shrub can be pruned back severely in spring, yet by early summer will throw up rounded rosy-red heads by the dozen. Useful for foreground planting, edgings, and low hedges, the only times it does not look well are when it's placed near vivid orange and strong pumpkin yellows.

Viburnum carlesi—called Pink Snowball by some, Korean Spice-bush by others—is undoubtedly one of the loveliest spring-flowering shrubs. Each faintly pink ball smells delicious. A few can scent the air for you for yards around. Plant a *Viburnum carlesi* near your door or porch, to get fullest enjoyment of the perfume. The slightly stiff plants grow well in light shade. Though a natural for planting next to a rose garden, sulfur used for combating black spot on rose foliage is harmful to this viburnum and must not be allowed to drift onto its foliage.

Yellow-flowered shrubs

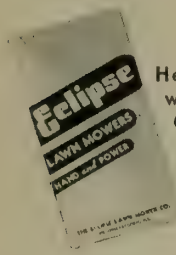
Double-flowered Kerria makes a blaze of gold for the front of any sunny border. Brilliant yellow balls dangle thickly all over the bushes that, because of their green-barked twigs, remain bright and attractive all winter. They will reach 5 feet in height. Kerria flowers are also good for cutting.

Father Hugo's Rose—best known by its botanical name *Rosa hugonis*, makes an open bush with wide-flung branches. These through the early part of tulip time are thickly set with flat golden roses. A handsome plant for spring display if you've room for it. Very good dis-



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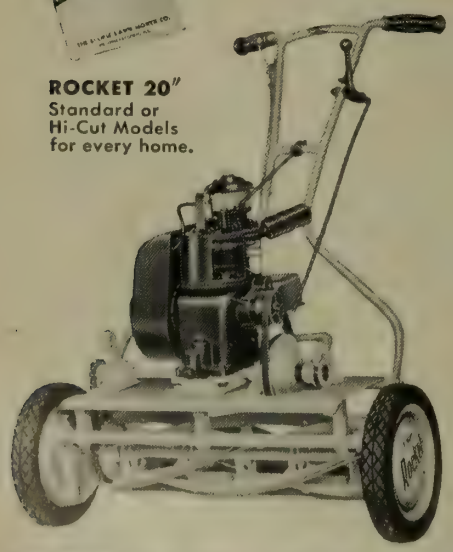
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White-flowered shrubs

Japanese Snowball (*Viburnum tomentosum plicatum glandiflorum*) is dwarfer, even more fully hung with petal balls than the old-fashioned snowball, but has none of the troubles of leaves curled with aphids experienced by the old favorite. Hardy and extremely showy, the Japanese Snowball blooms at the same time the red candlestick lilies, the tall bearded irises, and Oriental poppies do. Perhaps best in the border, but makes a beautiful shrub for the house corner, too.

Hydrangea Snowhill. The best of the hardy hydrangeas, this one produces its fine large white heads freely even in considerable shade. Just the thing to give life in August to a foundation planting of hemlocks and yews on a north front. Very easy to keep in bounds. Can be cut back to 6 inches in spring and you'll still get a good display of snowball heads, each all you can cover with both hands. Does best where the soil is not too dry.

White Fringe Tree does not equal the Vanhoutte Spirea in all-round performance. It noses the spirea out of this final place only because the spirea has been planted too often in the hundred-odd years since its introduction to home gardeners. White Fringe Tree is odd, lovely, and spectacular. It looks just as you expect—like a small tree (or tall shrub) hung with silky white fringe. The leaves are large, and you need space to display this pretty little tree which blooms so beautifully as spring ends. It is best moved in small sizes. Ask your nurseryman to be certain that you get a tree with all its rambling roots kept carefully intact.

Give your shrubs this good start:

▶ Plant at once, as soon as received. If this is impossible, cover the roots with fine soil, and keep in the shade.

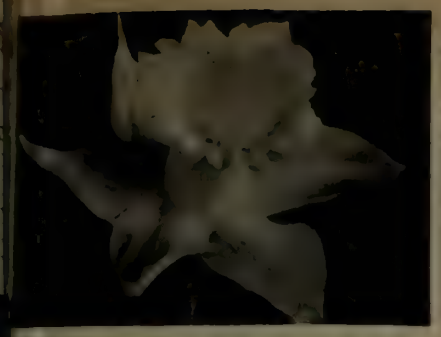
▶ Dig roomy holes, so you can stretch the roots out like spokes. If planting near the house, center each hole no closer to the foundation than 30 inches.

▶ Set each shrub at its former level. You can determine this by the stain of the soil on the bark. If possible, replant with the same side toward the south.

▶ Cover the roots with good topsoil, and water generously to carry the soil in about them and so avoid air pockets.

▶ Stay on the job until you know each shrub has settled in the position you want.

▶ Mix a pint of balanced plant food into the topsoil. Finish off with a saucerlike depression about each shrub, to catch and hold water.



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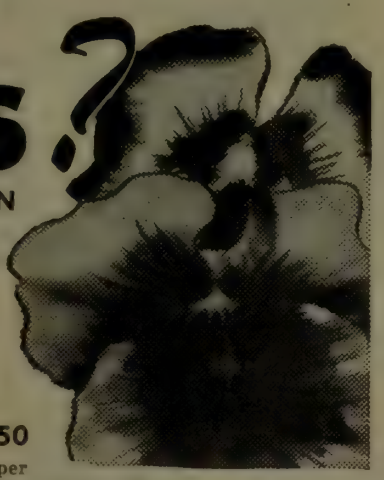


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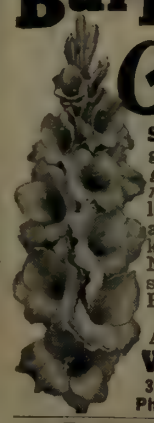
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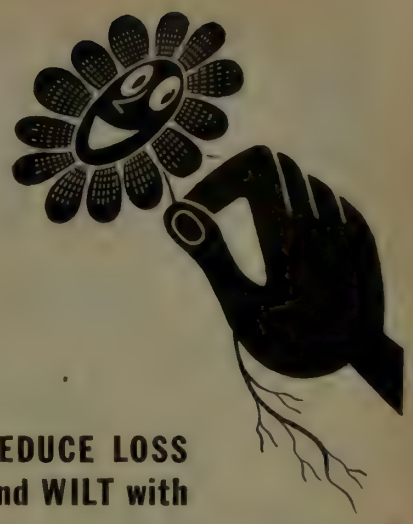
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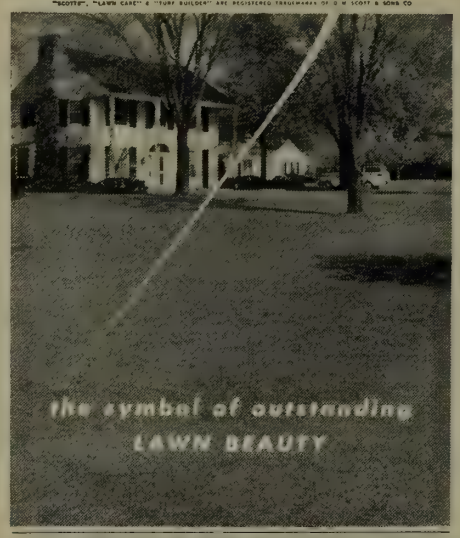
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Diary of a

Plain dirt gardener



Uncovered roses, pruned shrubs, started on spring spading—and then sawed up tops of maple trees the power company men had pruned out. I was ready for the hospital by then

By Harry R. O'Brien

April 1 No foolin', I surely put in a busy afternoon. My routine affairs having arranged themselves, I took part of the afternoon off and went for a visit to the marts of trade—garden trade, that is. And the results of my wandering will disclose what is on the mind of this old-fogey gardener.

First, stopped at a nearby nursery and, amid discussion, learned that the nursery had for sale a special kind of plant food designed both to feed plants and make the soil acid. It is prepared for azaleas, magnolias, rhododendrons, and the like. Well, my few azaleas haven't been flourishing. So I up and bought a 10-pound bag of this special plant food to see what it would do.

(Later note—I used this and there was soon a decided improvement in said azaleas. I find that several local nurseries and seed stores now carry some brand of this type of material. It is a lot easier than the older methods of trying to feed and keep soil acid at the same time.)

To a seed store downtown, where I picked up some additional vegetable seeds not obtained earlier. Bought some grass seed, for I see a few spots on our lawn need refurbushing. Here I bought the highest priced seed, which is the cheapest in the long run—in terms of bluegrass content.

Here also bought a few flats—handy for seed sowing and for carrying things around. Also year's supply of onion sets. Visited more nurseries. Noted where good roses were on sale, just in case I'll need a few more to stop up holes I may find in my beds. Also located good supply of strawberry plants, for the new bed to be made.

Maybe most important, bought a new electric hotbed equipment—wire cable and thermostat, for my old one has played out. Already we're sadly late in getting a hotbed going—and I just have to grow a lot of vegetables this year, too.

April 3 Here it was a warm sunny Saturday afternoon. Gro fit to work and a thousand th to do. And the boys picked this to tear Donald's old jalopy a So there I had to work all by self.

I sunk the wire of the new bed equipment under 4 to 5 in of soil in the frame and then h swoggled David to rig it up, wi wire connecting the thermosta an outlet at the nearby garage. stuck a dairy thermometer in soil too. He plugged in and wires began to heat. We put or sash, to let the soil get warme a bit first.

Also uncovered the rest of roses, which I like to get done fore new growth starts. Did a needed shrub pruning. Starte on spring spading—Brother, th hard work. Began sawing up of maple trees pruned out power company men. By time was done, it was night. And I ready for the hospital.

April 4 Just as always, Ma has been snipping off the narcissus buds. These are ope into bloom in a vase on the din room table this bright Sunda note, too, that there is a vas twigs in bloom in the living ro with yellow forsythia, red flo ing quince, and some other th not yet open. Mebbe apple tw

April 5 Now the sad truth is today's work should have been d three weeks ago. But in this sorr ful old world, one doesn't alw get things done the way the bo say to do it. They get done wh is possible to do them. Wh mean is that at last I got the e tric hotbed going.

After unplugging the curren raked over the surface of the With flat side of spade, fir down the surface. Then I ag loosened the top inch or so wit rake.

A board was put inside

[*Turn to page*



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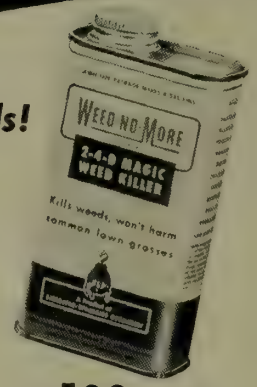


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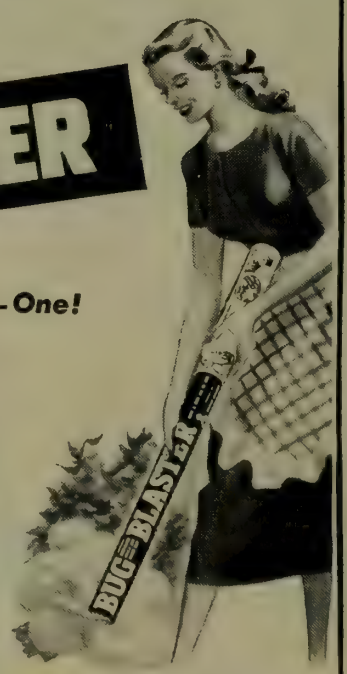
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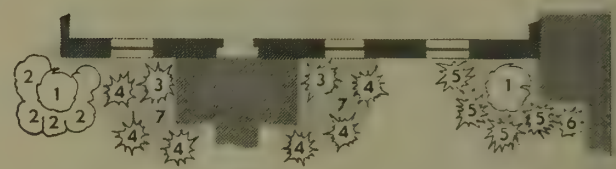
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See these befo

Never think that the rules for putting in a good foundation planting are rigid



How to plant your house front is here answered in four good ways, the work of the Pennsylvania landscape group of the American Association of Nurserymen. Plantings pictured are for a Wayne, Pennsylvania, home. Wallace and Warner, designers and builders.



1. Catawba rhododendron
2. Laurel
3. Brown yew
4. Spreading yew
5. Inkberry
6. Azalea Yodogawa
7. Japanese spurge as groundcover

1. A really beautiful house-front planting, this one l the permanence and year-round beauty of evergre foliage plus the added attraction of flowers. It also sco high on these five important points:

▸ The whole planting strengthens the horizontal li of the house.

▸ The central groups emphasize the importance of entrance without blocking it. Nor will these plants gr so rapidly that frequent pruning will be needed to ke the good outlines.

▸ The corners of the house are softened by the shru here and also extended in effect, as they should

▸ Because the house front is not symmetrical, the pla ing at the left is heavier in effect than the looser grou

This plan emphasizes flowering shrubs —



...you plant

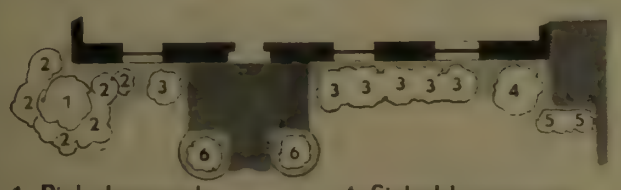
Photographs Gottscho-Schleisner



to the right of the doorway. This gives a pleasant feel of balance without exact repetition.

▶ The house is definitely handsomer with this planting before it. There's a straightforward exposure of part of the house wall clear to the ground line. The shrubs do not form a solid wreath—never good planting design.

If you want to use a similar planting in an area where rhododendrons and laurels do not thrive because of soil alkalinity, substitute dwarf winged euonymus or hybrid lilacs at the corners, and flowering quinces for the laurel. These are not evergreen, as the rhododendrons are, but do have a long season in leaf. A good alternate for the inkberry is Mentor barberry.



1. Pink dogwood
2. Anthony Waterer spirea
3. Abelia
4. Siebold euonymus
5. Slender deutzia
6. Spreading cotoneaster

2. Made up entirely of shrubs that flower and containing no evergreens, this second planting does the same things as the one above toward improving the house front.

Cluster-type dogwoods are recommended. If these are not winter-hardy in your area, plant the showy Hopa crabapple instead. Somerset daphne can be used in place of abelias. Japanese snowballs or Zabel bush honeysuckle are excellent alternates for the Siebold euonymus pictured at right. The hardier box barberry could well replace the spreading cotoneasters next the entrance step.

More on next page



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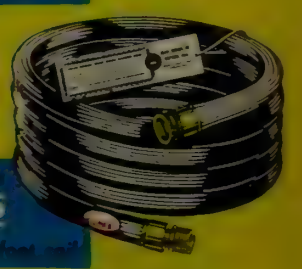


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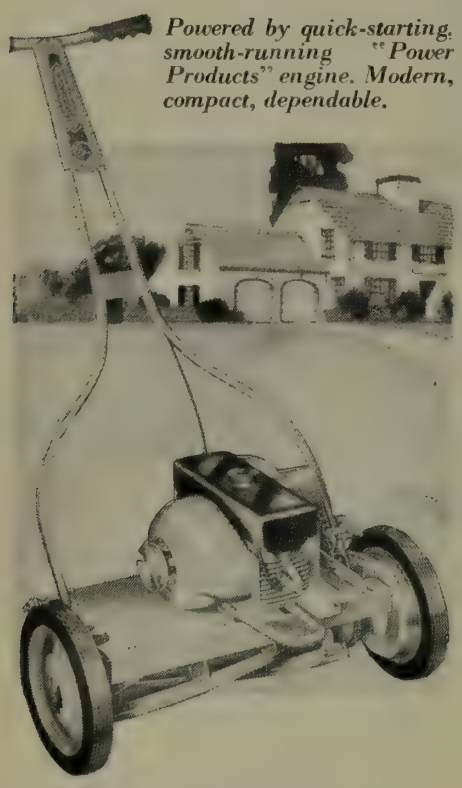
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See these before you plant

Begins on page 286





1. Hemlock
2. Spreading yews
3. Mugho pine
4. Firethorn
5. Dwarf yew

An all-green planting requires little after care

3. This is an all-evergreen planting across the same house front, as it will look if you buy large plants at the start, or your planting in its third year if you buy small sizes in the beginning.

This planting will require very little attention. The hemlocks will be denser if the new growth is sheared back to one-third each year. The ends of the yews should also be clipped. And most mugho pines will retain their cushion shapes better if each summer you cut the candles of new pine growth back one half before the needles spread.

Firethorn, *Pyracantha lalandi*, in this position is unbeatable, where it's winter-hardy. In climates too rigorous for firethorn, a second hemlock can fill its spot. Or—you'll find a good hybrid lilac an admirable replacement. Good pink lilacs like Lucie Baltet, Belle de Nancy, and the very new Esther Staley, or a rose-red variety like Charles X are recommended.

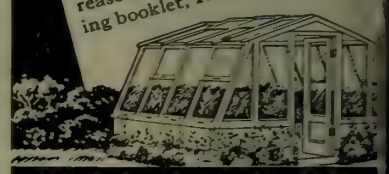
For this or any other planting, the soil should be thoroughly pulverized before the first shrub is set. Remove all pieces of concrete, plaster, boards, bricks, and tile. If clay has been used to fill next the house foundation, remove at least 5 inches of this and replace with good topsoil, then fork well to mix. Where enough topsoil is not to be had, loosen your clay with humus of some kind—well-rotted strawy manure, peatmoss, leafmold, cocoa shells, or ground corncobs.

Set plants at former depth, water generously, and make certain each stands as you want it, before you finish the planting.

More on next page

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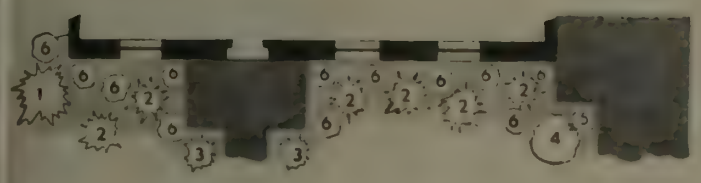
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1. Hemlock
2. Spreading yew
3. Mugho pine
4. Firethorn
5. Dwarf yew
6. Baronet daylily

1. This all-evergreen planting, the same as in plan 3, is done in small-size plants properly spaced to allow for growth. The too-open spaces are filled for the first one or two seasons with inexpensive perennials. These are removed when the yews, pines, and hemlocks begin to need all the room.

Daylily Baronet was planted here. This variety gives a gay effect with its many red and gold flowers, and like all daylilies, has foliage that's smooth and easily handled.

Azaleamum Summer Sunset is another good filler, being round and neat all season and then covering itself entirely with hundreds of delightful flowers in early fall.

Chrysanthemums like Eugene A. Wander, Maroon 'n' Gold, and Charles Nye are other good choices. Or plant the rich maroon-red and gold iris, City of Lincoln.

Frankly designed for tight budgets, this planting plan does give you a well-furnished look right from the start. There's no waste because the perennials can be lifted and set elsewhere when no longer needed here.

And your first cost for small sizes of hemlocks, yews, and pines of equal quality may be as much as 25 percent less than the charge for the "landscape sizes" used in plan 3. If you do choose this plan, time works for you.

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The diary of a plain dirt gardener

Begins on page 284

kneeling on the ground, I sowed cabbage seed first, and then tomatoes. I also started to put in broccoli, cauliflower, and other things, but at this point I discovered I had forgotten to buy seed of these.

After I drop a row of seeds, I cover it lightly with my finger tips. When I am through sowing, I firm down the surface with a piece of flat board. Put burlap strips on surface. Water gently by sprinkling on the burlap—just enough to dampen but not wet. Put sash on bed. Plug in current again.

As usual, my tomato seed was certified. Both cabbage and tomato varieties are disease-resistant sorts. I treated each packet with suitable chemical to control damping off diseases in the soil, insuring a better stand. And we've already been eating green onions, and the first rhubarb was on the table the other night for supper.

April 6 Dearie me—what a world. Here I have ample time to work today. All outdoors filled with urgent chores calling me. And last night in the wee hours, it poured down rain. All I have outdoors is puddles, and sodden, soggy soil. Clouds and more rain in prospect.

Which is why I have time to contemplate the pool on our rear lawn. Once upon a time gay waterlilies flourished there on summer days. Then we got Alexander, the duck, who soon picked and pulled at those lilies and so ruined them that I threw them away. For 13 years that pool belonged to that duck. But now, as recorded here last summer, the poor duck has gone to duck heaven.

And there is that pool, water green and slimy. What shall we do? Clean it out, buy more waterlilies and plant them? Take out pool, fill it up and use space for new central entrance to garden? It would be easiest on me just to plant some more waterlilies without any cleaning. David's solution would be to get a new duck. It will take a lot of cogitation and family argument before we settle things.

Before night, though, I got out my pruning shears and short-handled lopping shears and started in to give the roses their spring cutting back. Ground was too wet to



Started to cut back the roses today. Ground was still wet so I worked only on those I could reach from the path

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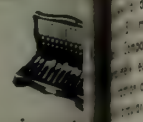
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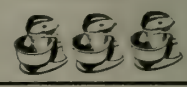
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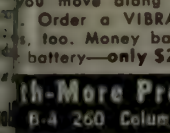
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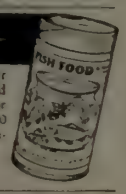
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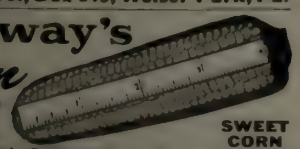
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step into the beds, so I worked at those I could reach from the path.

Winter has killed back most of the roses clear to the mulch line, so I have to whack clear back to there. I belong to the "whack 'em back" school anyhow. A lot of folks think this is rank heresy and roses should not be cut back. It depends on where you live. Heavy pruning isn't necessary in warmer sections of the country.

April 7 Forgot to mention yesterday that the first narcissus blooms from the new planting last November in front of the house have opened up—and not according to schedule. I note King Alfred, John Evelyn, and the old dependable Sir Watkins.

This afternoon I first washed some gravy spots off the vest of my Sunday suit. Then we packed our bags and set off. I have a hurry-up business trip down to Atlanta to make and Maggie and Donald want to go along. So we hitched up the family chariot and drove rapidly southward.

(Note just no space here to describe a wonderful trip. But we drove right down into spring and oncoming summer. We made a record as, by the hour and mile, we kept meeting new things in bloom —redbud, tulips, dogwood, azaleas. At Atlanta, magnolias and tall bearded iris were out.

There, too, we took time to look up old garden friends, especially Donald Hastings, the seedsman. And, of course, W. Elbridge Freeborn, who writes the monthly "Garden Guide" notes from the South for *Better Homes & Gardens*.)

April 11 For years we have planned to visit the famed Smoky Mountains of North Carolina and Tennessee. So we drove toward them this morning, and as we drove up those great mountains, we found out the why of their names.

We ran into fog and dense clouds. Most of the way from 3,000 feet up to the summit around 5,000 feet and down to 3,000, the only thing we could see was the white



We ran into dense fog. Only the white line on the highway guided us from going off at the curves into eternity

line in the middle of the highway to guide us from going off at the curves, clear down to eternity or something. And bless my soul, as we drove down toward Gatlinburg on the other side, the sun was brightly shining.

Home late tonight and what a sight met us. David, who had stayed home with his studies, had

[*Turn to next page*

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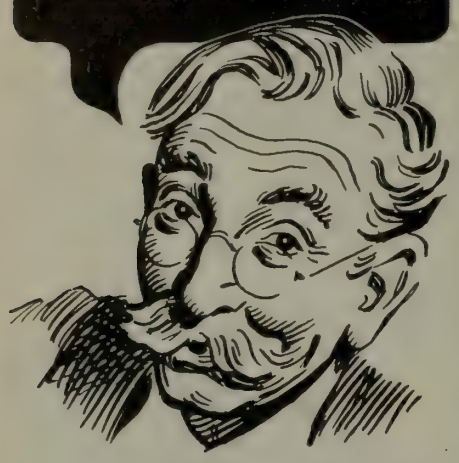
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First place, remember that what you want a lawn mower for is to *cut grass*. Just that.

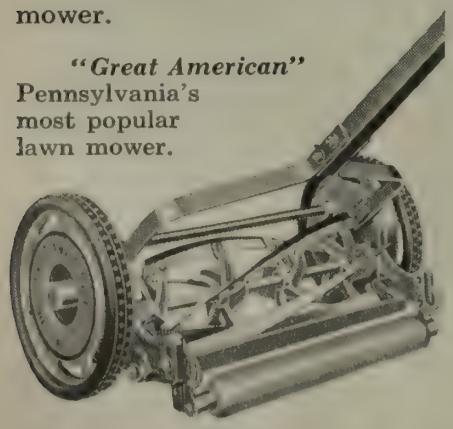
There's a lot of important things about a lawn mower you can't see. Like the kind of steel in the blades—whether it has good ball bearings and cut gears on both sides—whether you can true it up and be sure it'll *stay* trued up. Average man has to take things like that pretty much on faith.

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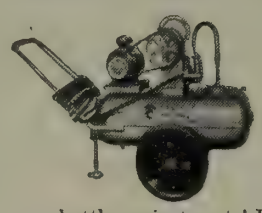
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The diary of a plain dirt gardener

Continued from preceding page

been overhauling his campus jalopy. So said David, lavatory towels and hallway rugs were coated with dirt and grease. Pussycats were in the house, still unfed, and had been walking over tables in dining room and kitchen.

April 12 In the few days we were gone, jolly spring had crept nearer us, too. Many more kinds of narcissus are out everywhere. Tulips are beginning to bloom downtown, I hear. Lilacs begin to show color. Grass is ready for first mowing. Flowering qince covered with deep scarlet. Only the soil isn't ready for spring, for it has been raining.

April 13 News today is from the basement. The black pussy is down there with her spring assortment of kittens. Last evening Donald went



Black pussy has kittens in the basement. Donald fixed a cozy box but used Maggie's curtains by mistake to the basement and arranged a cozy maternity box for pussy. He looked around for what he thought were old rags. Spread them in bottom of box.

This morning Maggie discovered the kittens and also that those "rags" were her kitchen curtains she had taken down yesterday to give them their spring washing today.

With much oratory, Maggie hastily remade Mrs. Pussy's little home and rescued the curtains. Otherwise, all that happened today was that I took the burlap off the emerging seedlings in the electric hotbed.

April 18 Spring here again and work speeded up. For instance, Mrs. Maggie and her son Donald were observed going through peculiar activities on the front lawn. Had you stopped, you would have learned that they were applying 2,4-D weed killer to divers weeds which haunt the lawn. They were using two different kinds of small, handy applicators to put on the chemical. Both are on sale at most any good garden counter, so no need to describe here.

This 2,4-D works best when it is applied to weeds that are growing vigorously and when the temperature is above 60. Today it was that and seemed ideal. My notion, though, was that it is a bit too early.

(Note—I was right. It turned

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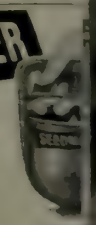
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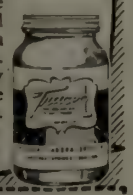
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cold shortly and not many of the weeds were killed. In the late spring of 1948, many gardeners around here and through the central section of the country did not get good results from use of 2,4-D. The reason was that the weather remained wet and cool for so long.)

This 2,4-D must be applied carefully on a still day, so that it does not splash or drift onto nearby plants, for it will surely damage and may kill most shrubs, evergreens, and flowers. Even vapors given off as it evaporates may drift onto nearby plants and cause damage. Last summer I saw a garden where chrysanthemums had apparently been damaged badly from vapor blown to them by the wind.

As for me, I took color pics of some of the new narcissus varieties, especially of the pink Mrs. Backhouse, which I had never grown before. Finished pruning the roses. Began spading for a new strawberry bed. And brother, spading is mighty hard for me—at this stage of spring. Can't seem to get the boys interested in spading, as yet. Began cultivating roses with hoe, after I had cleaned off and burned the tops pruned out.

April 21 Donald finally went into action. He got the rest of the strawberry ground ready and a bed for early vegetables. I gathered first mess of asparagus. Then he cultivated asparagus and rhubarb. I gave both an application of plant food and ditto to the vegetable space. Also scattered and worked in some peatmoss in strawberry and vegetable beds, to supply some added humus.

April 22 Sowed vegetable seeds. This is three weeks too late, but first chance, for soil has been too wet until now. Put in spinach, carrots, beets, dwarf peas, radishes, and two rows of onion sets.

Then on to strawberries, which I planted two feet apart in the rows and rows four feet apart. It is necessary to set them at right depth so crown is just at the surface. Also, I prune off tips of roots before setting out. When planted, watered them in with a starter solution—plant food dissolved in water, to give them a quick pick-me-up.

I set out some plants each of Temple and Sparkle, two new disease-resistant varieties and with them, some of Katskill and Fairfax, the standard varieties I've been growing, to get a comparison. For table use, 25 plants should be set out, at least, or better 50. For a family of mebbe four, and some surplus, 100 plants will be adequate. We have plenty of space and Maggie likes to put a lot in our zero box, so I set out 200 plants.

April 25 Oh, what a wonderful summer day—Sunday, too. Bright sun. Temperature up to 85. Fragrant viburnum spreading perfume, along with lilacs. Catbirds and brown thrashers singing their heads off. Just like fairyland outdoors.

April 26 Summertime again—and so hot, dearie me, all I got done before supper was to sit in my work

Wayside Gardens

Horticulture's Finest come from Wayside

A thrilling preview of exciting beauty is presented in Wayside Gardens' complete catalog for spring planting. You will find new interest and charm for your garden among the many exceptionally fine offerings.

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TRITOMA
Maid of Orleans
Coral Sea

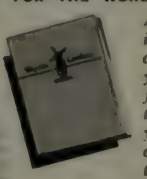
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The diary of a plain dirt gardener

Continued from preceding page

clothes in the living room and rest. Afterward, it was too dark except to hoe a few licks in a rose bed. If only I were a rich man and could afford to hire someone to do the work on warm days.

April 28 Betwixt heavy rains and threatened frost, all I've been getting done is cover up the hotbed, uncover, cover up, plug in current for overnight, just in case.

Maybe I had better relate how Maggie came home yesterday from club meeting, sputtering considerably. On the tea table after the meeting, the refreshment committee had used artificial flowers for a centerpiece—with all outdoors filled with real bloom.

April 30 There's that new tree a landscape man planted on our front lawn last spring. Today I raked off the old straw mulch, cultivated around it, gave it a liberal sprinkling of plant food. Then I replaced the mulch and hauled enough more straw to make a new mulch 4 to 6 inches thick.

While Donald got more ground ready for spring planting of flowers and vegetables, I began to give the roses their spring feeding, scattering mebbe a half-trowel of 4-12-4 plant food around the base of each, several inches out from the canes.

For suppertime tonight, Maggie had some cream cheese on the salad. Just between us, it had a most peculiar flavor. Having lived with her for many years now, I said nothing. But finally Donald asked about it.

"I cut up some chives and mixed them in," said Mrs. Maggie.

"Why, we don't have any chives," says I.

"Well, they surely looked like chives. They are growing out there near the asparagus," says Maggie.

"Those are no chives," says I. "They are just wild onions—just a common weed." Oh well, botanically they're first cousins to chives.

(Note—Somehow I've forgotten to report how I sowed seeds of annual flowers in the coldframe, to grow plants to set out later. And there in the same frame, as soon as I can, I'll transplant the vegetable plants from the hotbed.)

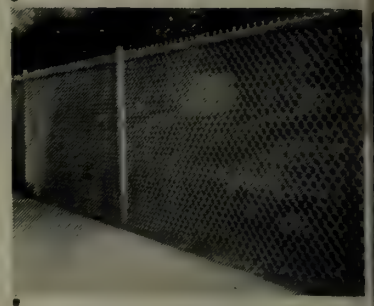
Innocence Abroad

My boy was innocent and pure,
Knew nothing really bad.
Until—of this I'm very sure—
He met the neighbor lad.

The neighbor lad's the wicked one,
The thorn upon the vine.
How strange, my neighbors think *their* son
Learned what he knows from mine!

—*Richard Armour*

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lake the most of your spring bulbs

ne of the charms of spring bulbs is t they are all set to greet you when first warm sun returns. If you nted well last fall you can neglect m in the spring and still have om. Nevertheless, your crocus, tu-s, narcissus, and other spring bulbs l give you a much better show if you e them a little extra help.

The following pictures show the pro-dures which will benefit your flow-. There are only a few of them, and ne is complicated or difficult, but ey will pay dividends in better bloom.



You depend on bulbs to bring the first flowers of the year to your garden—proper care now will give a bigger, better show later

Photographs: McFarland, Stanley



emove any winter protection or drifted leaves from your ulb bed as soon as first shoots are just through the ground. ake it off gently; these first shoots are fragile. Don't wait o long since plants may be distorted if they have to push eir way up through a wet, matted layer of such covering



Mulch with finely shredded material to keep roots moist over growing season. Lilies especially will benefit from a mulch since they need cool soil for best growth. Peat-moss, vermiculite, or fine compost are all good for the purpose since they won't look messy amid your flowers

More on page 302





"Use Tri-ogen Rose Spray and Tri-ogen Rose Food religiously and consistently, and you will be rewarded with the biggest finest Roses you have ever grown, and they will bloom right through the hot dry months and on until killing frost."—J. V. STAUFFER, *Executive Director,* International Friendship Gardens.

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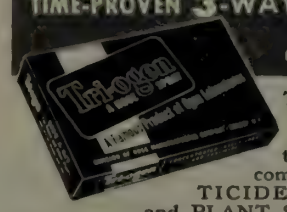
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Rose "GROWers"

The really big secret of successful Rose growing is that there is no secret to it at all! Any experienced gardener will tell you that if you give your plants plenty of good *food* and *protect* them from insects and blights, they will reward you with big, fine, full-color blooms throughout the season.

And amateurs, as well as the professional Rose growers, everywhere, will tell you that you just can't beat Tri-ogen Rose *GROWers!*

TIME-PROVEN 3-WAY TRI-OGEN SPRAY



This is the original 3-way balanced plant treatment. It's a combination INSECTICIDE, FUNGICIDE and PLANT STIMULANT. It gives your Rose bushes maximum protection against chewing and sucking insects and blights, including mildew and blackspot. Being *"the ONE that does all,"* this universally endorsed spray cuts spraying time to minimum. Comes in famous green and red Tri-ogen "Kits." "E" size $1.35; others from $2.25.

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NOW CONTAINS DDT!

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Here is Tri-ogen's new Rose Food. It gives your Rose plants the highly concentrated, easily assimilated diet that is so necessary if they are to produce fine blooms. This 3-*way* Rose Food supplies the vital nourishment needed if you are to grow Rose plants with strong *root* systems, healthy *foliage* and big, colorful *blooms.* 5 lbs., $1.00.

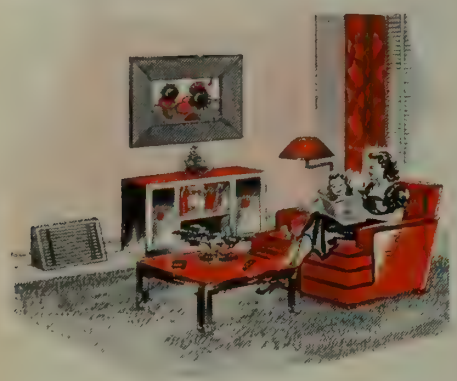
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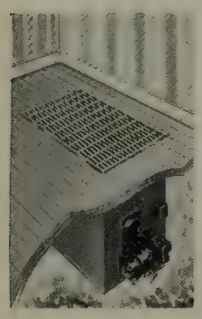
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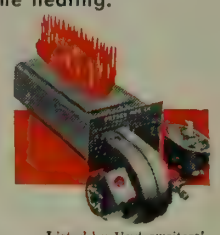


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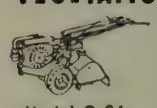
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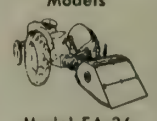
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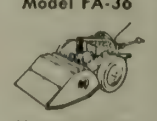


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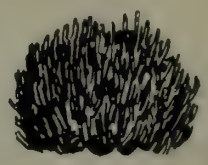
Evergreens

How to choose them
How to plant them
How to care for them

By L. L. Kamli
Author of "The Friendly Evergre



JAPANESE YEW



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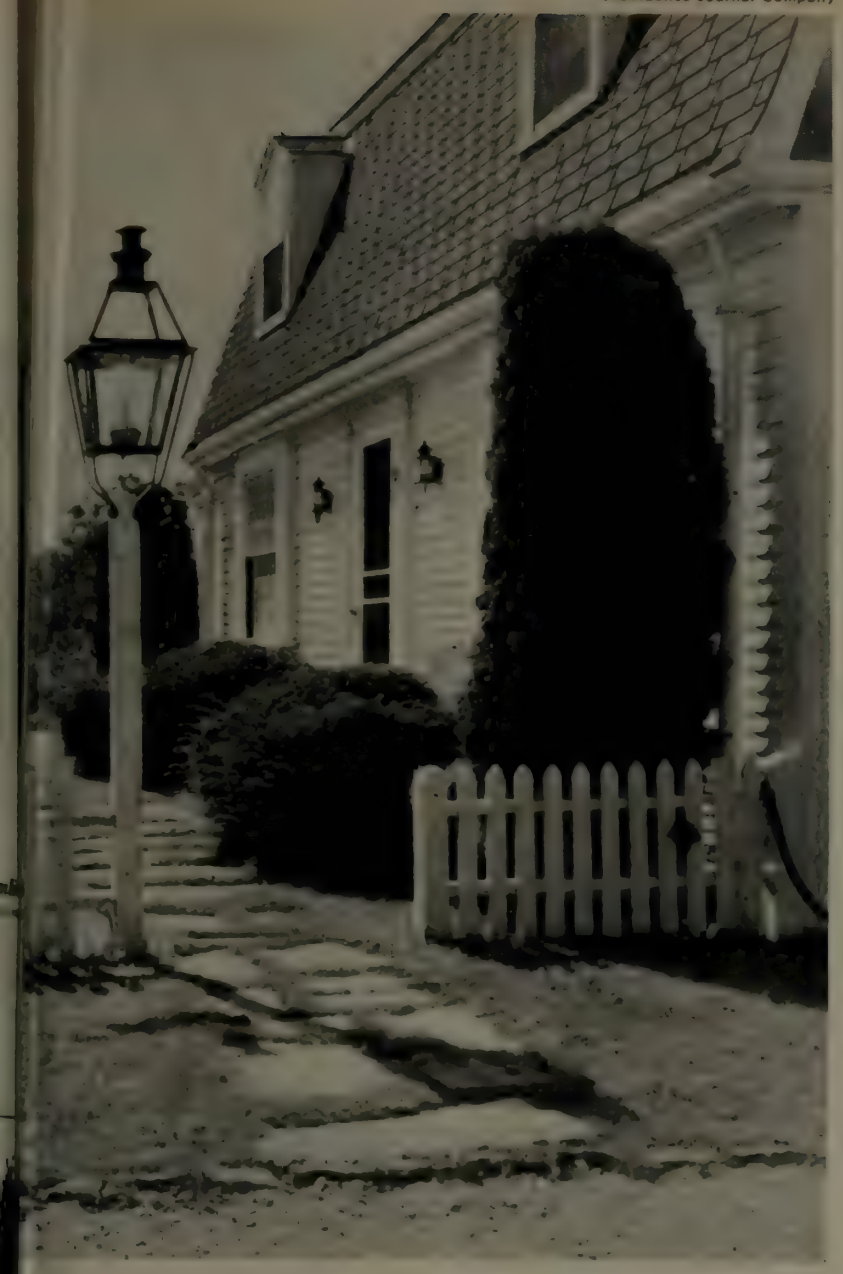
PYRAMIDAL ARBORVITAE

Photograph: Louis R. Bostwick



This planting uses (left to right) an upright juniper, a dwarf spruce, creeping pers, and Pfitzer junipers. It is completely unlike the planting at upper yet each is good for its purpose. There is no one correct planting for any

Providence Journal Company



wn good taste should guide you in planning a foundation planting greens. The house above uses upright junipers at the far and near corth clipped yew between. Now compare with planting at lower left



UPRIGHT
APANESE YEW

A foundation planting is like other improvements around your home—it needs a reasonable amount of care in planning and upkeep. If you keep in mind a few simple but important facts you can easily have an evergreen foundation planting of long usefulness.

Modern houses that blend into the yard grade may need only a few well-chosen trees and shrubs. If you have an old house on an ugly foundation, you may want a planting which serves mostly as a screen.

The important thing for you to remember is that the needs of each house and the personal tastes of the owners are individual problems. Forget about set rules. Let the design be *you*, your own feeling of what your house needs and what you prefer. And remember that planting is a decoration to benefit the design of the house and seldom hide it.

Each section of the country has its own types of evergreens best suited to its particular locality. If you're planting in the north central states where winters are severe and summers hot and dry, you'll have to give more attention to choosing the right evergreen than you would in other sections.

There are dozens of varieties grown by nurserymen, and any one of them may be just the thing for you. However, the following half dozen kinds are less exacting in their needs and have proved satisfactory over a long period. All foundation evergreens fall into two basic types: The low, spreading trees and the columnar or pyramidal trees. [*Turn to next page*

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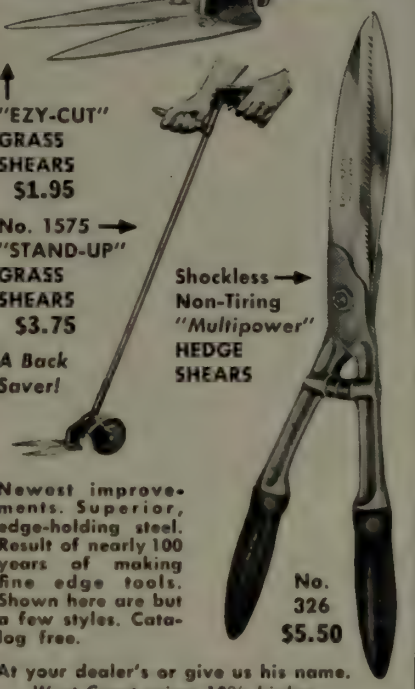
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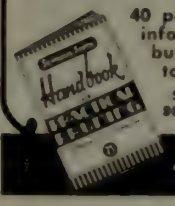


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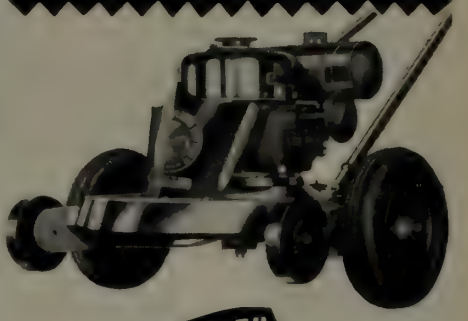


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Many imitators... No successful duplications!

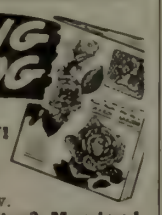
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Evergreens

Begins on page 296

Low-growing evergreens

Japanese yew, spreading type. This is without doubt first choice among the low growers. The yew gives rich deep-green color at all seasons, and is the best evergreen where shade is a problem. Yews are heavy feeders and grow rapidly if planted in good soil and well fed. Allow for a minimum of 5 feet in width and 3 feet in height. Severe pruning can keep size small for several years.

Pfitzer juniper runs second in popularity among low growers with its gray-green foliage and irregular spreading branches. Trees can be staked up when small, but growth is normally quite low, and trees will seldom be over 3 feet tall. This juniper is a rapid grower and will get out of bounds unless trimmed regularly. It will tolerate moderate shade and is one of the best in hot, dry locations.

Dwarf mugho pine is a long-time favorite. It grows in full sun or half-shade, and the bright yellowish-green of its foliage makes it always popular. A mugho pine can be grown in a compact mound if closely trimmed, and you can maintain it at a height of 2 feet and width of 3 to 4 feet for a long time.

Pyramidal or columnar trees

Upright Japanese yew is the first choice among the pyramidal evergreens. Its advantages are many: compactness, rich waxy-green color, ease of trimming, and ability to grow in full sun or deep shade. It will grow tall if untrimmed, but pruning can keep it the correct size for foundation planting for many years.

Pyramidal arborvitae have been popular for many years. Their winter color isn't as attractive as the yew, nor will they do well in the shade, but they serve well where low cost is a consideration. They are easily trimmed, however, and their neat columnar growth habit makes them still a good choice for small, formal foundation plantings.

Upright junipers complete your basic foundation planting choice. There are several types of upright juniper which grow well in sunny spots in well-drained soil. Canaert juniper and Dundee juniper are both well known and satisfactory.

Care of foundation evergreens

Selection of the right trees for your foundation is only the first part of the job. Proper planting and care are absolutely necessary if you are to get the most from your plantings. An unkempt evergreen often does your home more harm than good.

Soil preparation comes first. Dig down into your soil around the house foundation and find out what is beneath. If you find hard clay or rubble or plaster and waste, dig out 30 inches or more of the poor soil. Lay in a bank of gravel or cinders 6 to 8 inches deep for drainage and then cover it with 8 inches or more of topsoil.

Plant the tree in a hole at least 18 inches wider than the ball of earth around the roots, set tree so that lower branches are well above ground level. Nurserymen recommend leaving burlap around the earth ball, but cutting the string and laying back the burlap. Water thoroughly, apply plant food, and then after water has settled, fill in with good soil.

Water your evergreens regularly during the first year after planting. Thorough watering every two or three weeks is better than frequent sprinkling. Even established trees need water during drouth or if they are located where they don't get natural rainfall.

Feed your trees to give vigorous growth and good color. Commercial fertilizer applied in early spring and again in late summer will do wonders.

Prune and trim to retain proper shape and size. It's better to trim lightly once or twice a year than to make up for long neglect by pruning severely. Late spring and early summer are the best times, but pruning at other times will do no harm.

Spray the foliage occasionally with a stiff stream of water to wash out insects such as red spider, and to clean off dust and soot to keep your trees bright and healthy. If your trees become infected with disease or bad attacks of insects, call on your local nurseryman for advice. Don't allow fly-by-night spray men to spray your trees.

Prepare for winter by watering trees thoroughly late in the fall; they must have moisture on their roots over winter. Mulching with old hay or leaves is beneficial if you live in a severe climate, but it isn't absolutely necessary if you are using hardy varieties. It's a wise precaution in late fall to tie up spreading branches where there is danger of snow weighing them down and breaking them.

Other needs of healthy trees are circulation of air and avoiding crowding. Nine out of 10 plantings are too crowded because they start with too many trees and the owners neglect pruning. Keep trees 4 feet from house if possible. All evergreens do best in full sun, although some varieties thrive in partial shade and a few in full shade as pointed out earlier.

A final and very important note: above all, don't copy your neighbor's standard planting with tall trees at corners and the doorway and low growers in between. Some houses look better using all low growers, other are improved with tall growers at the corners.

Whatever you do, don't crowd. Leave space for flowers to brighten and add color. Water, cultivate, feed, and prune—and lean back and enjoy it!

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PAGE Garden Tract

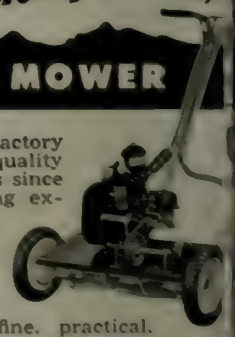
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Where to get it

Begins on page 106

Bowl: Red Wing Potteries, Red Wing, Minnesota.
Pottery dishes: Palm Springs pattern, Southern California Pottery Company, 4513 W. 153rd Street, Lawndale, California.
Tiffin goblet: United States Glass Company, Tiffin, Ohio.
Top right picture. Garden of Roses pattern salad plate: Santa Anita Potteries, Los Angeles.
Tumbler: J. H. Cristil Company, Edgerton, Indiana.
Silver: Melrose pattern. The Gorham Company, Providence, Rhode Island.
Right center. Lorraine pattern dinner plate: Gladding, McBean & Company, 2901 Los Feliz Blvd., Los Angeles.
Goblet: A. J. Van Dugteren & Sons, Inc., 5 East 57th Street, New York City.
Flatware: Regal pattern, Dirilyte Company of America, Kokomo, Indiana.
Lower right. Strawberry plate, cup and saucer: Cemar Potteries, 3024 Roslyn Street, Los Angeles.
Tumbler: Candlewick pattern, Imperial Glass Company, Bellaire, Ohio.
Silver: Madeira pattern, Towle Mfg. Company, Newburyport, Massachusetts.
Cigarette holder and lighter: Ronson Art Metal Works, Newark, New Jersey.
Ash tray: Mary Short Potteries, 3400 East Tenth Road, Topeka, Kansas.

Bowls you'll need

Page 191. Round bowl: Wm. Manker, Claremont, California.
Bamboo motif bowl: Dick Knox Displays, 678 S. Lafayette Park Place, Los Angeles.
Other rectangular container and pillow vases: Haeger Pottery Company, Dundee, Illinois.
Tall vase: Gladding, McBean & Company, 2901 Los Feliz Blvd., Los Angeles.
Plastic foam: Baker Flowers, Utica, New York.
All needlepoint holders: Casa Products Company, 11467 Chandler Blvd., North Hollywood, California.

Electric night stand

Page 98. Electric night stand: "Young Folks Modern" series, Dearborn Furniture Company, American Furniture Mart, Chicago, Illinois.

Budget furniture

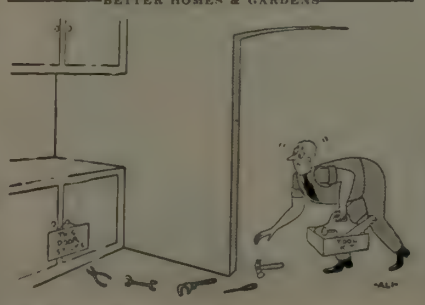
Page 200. Lawson sofa: Kroehler Furniture Company, American Furniture Mart, Chicago, Illinois.
Sectional sofa, armless chair, lamp table, cocktail table: "Young Folks Modern" series, Dearborn Company, American Furniture Mart, Chicago, Illinois.
Cotton rug: Wunda-weve, Belrug Mills, 1450 Broadway, New York City.
Wing chair: Selig Manufacturing Company, Leominster, Massachussetts.
Armless button back chair: Kroehler Furniture Company, American Furniture Mart, Chicago, Illinois.
Beds and chests: Cavalier Corporation, Chattanooga, Tennessee.

To cover a counter

Page 162. Molding, "Kintrim" by Kinkead Industries.

How to set your table

Page 153. Breakfast. Dishes: American Ceramic Products, 1825 Stanford, Santa Monica, California.
Silver: Mansion House pattern, Heirloom Sterling, Oneida, New York.
Chicken and rooster: Dick Knox Displays, 678 S. LaFayette Park Place, Los Angeles.
Tumblers: Duncan & Miller Glass Company, Washington, Pennsylvania.
Cloth: Simtex Mills, 40 Worth Street, New York City.
Luncheon. Dishes: Alfred E. Knobler & Company, 225 Fifth Avenue, New York City.
Silver: Morning Star pattern, Oneida Ltd., Oneida, New York.
Tumbler: Blenko Glass Company, Milton, West Virginia.
Place mat: Dorothy Thorpe, 902 Thompson Avenue, Glendale, California.
Informal dinner. Dishes: Governor Clinton pattern, Onondaga Pottery Company, Syracuse, New York.
Flatware: Regal pattern, Dirilyte Company of America, Kokomo, Indiana.
Candelabra: Viking Glass Company, New Martinsville, West Virginia.
Goblet: United States Glass Company, Tiffin, Ohio.





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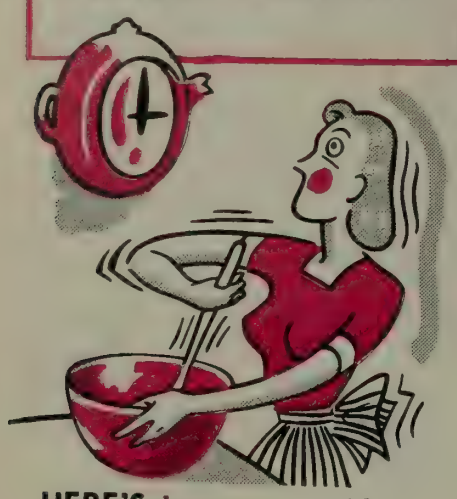
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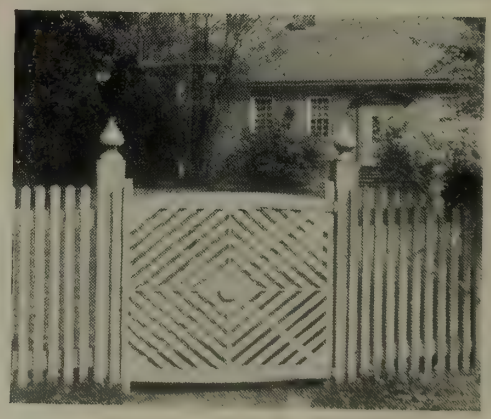
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Variety in fences and gates



Simple strips of rough-sawed lumber make the striking pattern of this sturdy fence and gate. Gate to vegetable garden off the rear terrace. ***Wythe House***





Weight closes gate. Pull of ball on chain keeps gate shut without need of a latch. Note pretty picket tops and posts. ***At rear of Nancy Camp House***

Close spacing makes a bull's-eye design. Could be copied in wood salvaged from crates. Central disc applied in relief. ***Clerk's Office, next to capitol***



Brown-painted gate combined with two styles of white fence pickets emphasizes informality. Top board makes gate rain resistant, tight lower half keeps out small animals. Squared timbers form the steps (could be of old railroad ties). ***Doctor Blair's Brick House***



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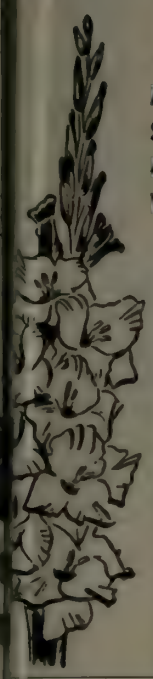
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IG 1949 CATALOGUE *Free on request*

STUMPP & WALTER 132 Church St. Dept. B, New York 8, N. Y.



Street gate with typical hardware. Like most Williamsburg gates, this one opens outward only. Note metal stop above and below. Weight pulls it shut. ***Brick House Tavern Kitchen***



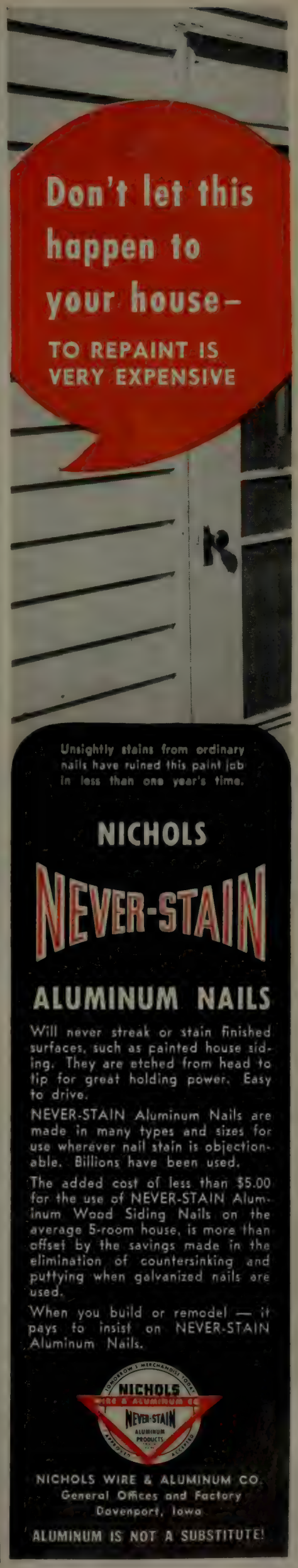
Double gate, most imposing of all Williamsburg designs for private homes, opens toward large garden off house terrace. Wisteria on fence is pruned yearly like trumpet-creeper described earlier. ***Wythe Garden***



This street gate with tight lower line and spearhead pickets discourages trespassing. It fronts on Duke of Gloucester street. ***Between the Waters-Coleman House and the Davidson Shop***



A gate and fence design to tempt the man with a woodworking hobby. Latch is used here because a ball weight and chain would confuse the design. ***The Allen-Byrd House***



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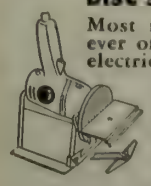
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Make the most of your spring bulbs

Begins on page 295



Give plants a drink if ground is at all dry. Watering won't often be necessary, though, since spring soil usually has enough moisture. Use a porous cloth hose, anti-splash guard, or other device to keep mud from spattering on your flowers



Give support to heavier flowers, such as double tulips, whose weight may bend or break stems. Stiff wire is gently staking material since its presence isn't obvious. Stick wire into ground and bend top into a flat loop for the blossom to rest upon



Cut out seed stalks when tulip petals drop off. Such action makes your bulb bed look much tidier and also prevents the plant from wasting strength trying to produce seeds. Don't dig up any bulbs until foliage has turned brown—although you won't have to worry about that step for a long time yet

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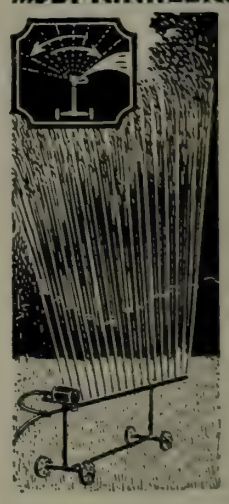


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Arnall

Begins on page 37

and the kind of education that they get.

To explain that, here is the story of a grammar-school class, and of four of the children attending it.

The school building is a good one. The federal government paid for its erection in this instance, because it is located in an area where new wartime industries swelled the population. It is a single story structure, well lighted and well heated, and more attractive than 90 percent of the school buildings in this country.

The sixth grade has 37 pupils, 7 more than desirable, but is less overcrowded than in many towns. The teacher is paid $1,890 a year, somewhat better than the national average for sixth grade teachers. She has taught school nine years.

In the second seat of the first row sits Robert Lee. He is attentive. He is doing fairly well in civics, reading, and geography. His spelling is poor. His arithmetic is surprisingly good; he has a knack for figures. He is almost 14, two years behind in school. He comes from a rural school, four rooms, each heated by a stove fed with fat lightwood knots. When the weather was bad, he had to stay out, because he lived more than a mile from the school-bus stop. His teacher was paid $75 a month, $750 a year, the highest salary she had ever received for caring for a class of almost 40.

Elaine sits in the first seat of the second row. She will be 12 this month. She has not mastered the use of the school library and its reference books. Her reading and arithmetic are both poor. She may have to drop back a grade. She came from a metropolitan city where there is an iron curtain about the operations of the schools. Its administration will have nothing to do with the National Education Association. Standards are locally set. The school system is the toy of politicians.

Midway in the same row sits Gertrude. She is 12. She found it hard to get along with the other children at first. Gertrude comes from the same city as Elaine. Her parents had a better-than-average income. This year is her first in a public school, because, before she moved, they sent her to a private school, a thousand dollars a year. She likes the public school better, now that she is used to the children. Her report card shows "A" all the way down.

Opposite Gertrude, in the third row, sits James. He is a home-town child. He went to the first grade in the "old building," and then transferred to the temporary wooden structure that went up, complete with potbellied stove in the middle of the room. It burned during the Christmas holidays in 1945. That winter before the school burned was a winter of sniffles for James, a winter of dread of fire for his mother. She was relieved when the

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Continued from preceding page

school burned down and it was safely over. He has been going to school in the "new building" for four years. James makes average grades. Jimmy's parents like their town. They like it better than the one from which they moved, soon before Jimmy was born—in a New England state which assumed no responsibility for education. There, through a very high local tax rate, the resources of the community could provide fairly good teachers' salaries, well above the average for the state; but money could never be found to replace the school building, which combined the exterior aspect of a prison with the inside climate of a cold-storage room.

Those are some of the schools of America, and some of the children who become your children's associates, children who must manage the world's affairs tomorrow.

Almost half our states cannot provide the money for decent schools. These states have exported illiteracy throughout the country.

More than half our teachers are underpaid. Less capable men and women are likely to become predominant in the school world within another 10 years. The better teachers appreciate the gratitude of the public and its recognition of the high responsibility of their calling; but they are beginning to regard gratitude as counterfeit currency and to ask for payment in cash.

The average per capita income in the United States in 1946 was $1,213. In 14 states it was less than a thousand dollars. In all but one of these 14 states, rejections for educational deficiency under selective service during World War II were more than double the national average.

These young men were illiterate because they had been deprived of an opportunity to learn. In the middle of a war, facing a manpower shortage on the battlefield and in industry, the nation had to stop and teach young men to read and write. Federal aid is designed to equalize educational opportunity in America, end illiteracy, give every child a chance for a decent education.

Federal aid has been attacked on the grounds that it's an invasion of state and local rights to control education.

Put briefly, the Thomas Bill, the same as introduced by Senator Taft and passed by the Senate in 1948, provides that:

The federal government appropriate $300,000,000 a year to be distributed to the states for public elementary- and secondary-school uses. The distribution is determined by the ratio between the average income of the citizens and the number of children attending school. Supervision of the schools remains in the hands of the states, except that the federal government would have to be assured that the money actually went for teachers' salaries and other legitimate purposes.

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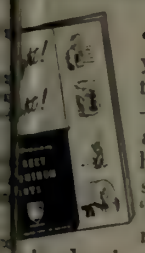
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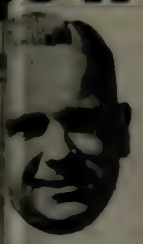


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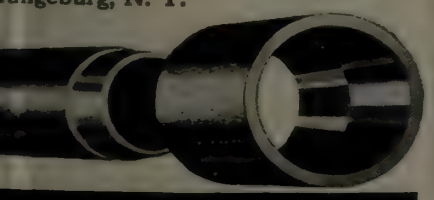
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This does not differ markedly from the appropriations made by the federal government for old-age and dependent children's assistance, for federal grants to help build roads, and for federal grants to combat such preventable diseases as typhoid, diphtheria, and VD. All these appropriations are made by the Congress to promote the general welfare, on the theory that typhoid germs are unmindful of state boundary lines.

Illiteracy is as exportable from one state to another as disease. Indeed, illiteracy in a democracy *is* a disease.

To see what it means to you, let us turn to my native Georgia. Approximately 300,000 Georgians have migrated to other parts of the United States in the past 10 years, for the South continues to supply a very high percentage of American manpower.

Georgia has 259 children for every 1,000 of its total population. That compares with 159 children in New Jersey and 170 in New York, and a national average of 207. The per capita income in Georgia in 1946 was $797.

More than half the state's total revenues available for current expenses went for education during my term of office as governor of Georgia.

The minimum needs of the common schools, from state resources, since Georgia provides 58 percent of all school budgets, is about 70 million dollars. This would be approximately 70 cents out of every tax dollar the state collects, and it has not yet been met.

Georgia is typical of the South. Nine of the 12 states supplying the highest percentage of school support are in the South. The money just is not there to provide adequate educational opportunity.

There are 15 other states in which educational opportunity can be best described as uncertain. In these, the state government contributes 16 percent or less—in one state only 1 percent—of the money for schools. In some parts of those states, principally in the larger towns and smaller cities, the schools are among the best in the nation. But in some of the metropolitan areas and throughout the suburban and rural areas, they are among the worst.

Oddly enough, it is from these 15 states that arises most of the insistance that the matter of equalizing educational opportunity be left to state governments. Having rejected any responsibility for the operation of the schools, and having refused to equalize opportunity within their own boundaries, spokesmen for inadequate schools in those states make a vociferous plea for "states rights."

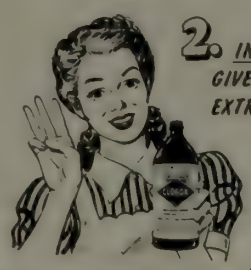
It is necessary to examine some of the forms of opposition to federal aid to America's school children.

First, there are those who present the "states rights" issue. These overlook the fact that there is nothing immutable and sacrosanct about any unit of government, in

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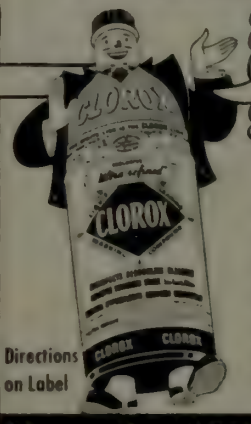
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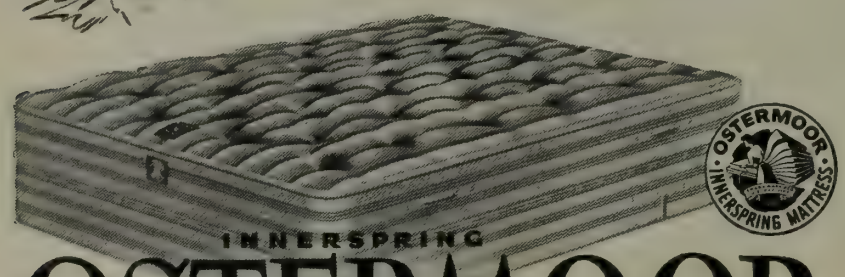
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Continued from preceding page

our American philosophy. Government exists only for its convenience and usefulness to the citizens. The functions of public service that can best be handled at the local level should be handled there; those that can best be performed by the states should be left to them; those that require national treatment belong to the nation as a whole. That the states have lost some of their powers to the federal government is true; they lost them by neglect of their responsibilities. Fifteen states assume almost no responsibility for educating their children. Is "states rights" to mean the right to deprive a child of an education?

Then there are those who are frankly afraid of too much concentration of authority in the federal government. These are to be distinguished from those who use every opportunity to assail the central government for any expansion of public service. For there is some danger in too much concentration of authority in the Congress and the national executive. But the assistance given by the federal government to highways has not resulted in federal control of every city street and every country road; the aid to public health has helped the people of every state, without infringing on local rights; the emergency relief organizations of depression days built many parks, school buildings, libraries, and hospitals, without Washington taking over control from local citizens.

Federal aid to education will not interfere with the parents' right to supervise a child's education. It will not deprive any state or town or county of any essential authority over its local affairs. It will operate, as does the existing federally sponsored lunchroom program, through the normal administrative channels.

Robert Lee has lost two years of his life, two years of earning capacity, while we have been waiting. Elaine probably never will learn to read well enough for it to be a pleasure. Gertrude's parents spent thousands of dollars because the public schools were inadequate. That is what federal aid means. It means they and 16½ million other children need not be condemned to slum schools, waiting for a chance to attend a first-class school. It means decently paid teachers, adequate equipment, and sufficient books. It will raise the literacy level of the entire nation, the only genuine safeguard that a democracy possesses for its self-defense.

It will give your son, and your daughter, and the youngster that delivers your afternoon paper, and the girl next door, a better school.

▶ The opposite view of what federal aid means to you and your children, which also began on page 37, is continued on pages 266, 312, 313. Read the full story before you make up your mind. *Editor.*

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Aureomycin

Continued from page 12

effects. After three years of work, Mold No. 377 produced the golden-colored drug, aureomycin.

Under every laboratory test, aureomycin showed more and more promise. While penicillin chiefly attacks one group of bacteria known as Gram-positives and streptomycin works against another group known as Gram-negatives, aureomycin struck at *both* groups. Then it went on to attack Rickettsial diseases which no other drug in general use had ever done.

Soon doctors in leading hospitals got samples to test. They found that the drug worked on sick humans as well as in a laboratory.

Last December, after these clinical trials, aureomycin was released to druggists. Now any doctor's prescription can obtain it. And, on February 1, just two months after its release, production improvements permitted a 33⅓ percent decrease in price with further cuts seeming likely as production gets heavier. But, even at the present price, the drug is within reach of everyone.

One doctor has reported that $25 worth (and this was even before the price cut) cured a patient with "virus" pneumonia. And, because of the drug, no hospitalization had been needed, there had been a minimum of doctor's visits and nursing service, and the patient had saved money by returning to work weeks earlier.

The case for aureomycin is still far from closed. Every day come reports of individual doctors trying it out in many diseases. Samples:

A 13-year-old girl with tuberculous draining sinuses of the neck for five years. Ten days of aureomycin and drainage stopped; nodes decreased in size.

People whose chronic urinary tract infections had not been helped by penicillin, streptomycin, or sulfa drugs found their symptoms cleared up with aureomycin.

Five newborn infants with skin and breast abscesses due to staphylococcus germs—one of them with infection and abscesses of the lung as well—promptly improved.

Two patients with brain abscesses treated satisfactorily.

Prompt cure for one patient with meningitis caused by a strep germ and for another with meningitis caused by a pneumococcal germ which had become resistant to other new drugs.

It may be years before the full value of this latest miracle medicine is known. Whether or not it proves ideal for many virus diseases, it has already fired researchers with the belief that a chemical approach to viruses can be practical and encouraged a search for even more powerful cousins to fight these elusive invaders.

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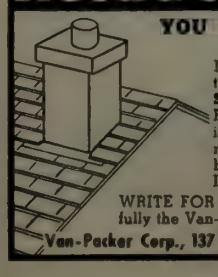
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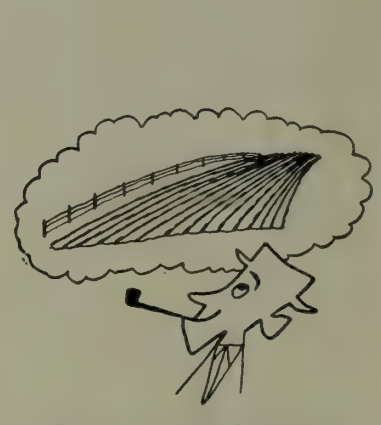
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Your vegetab

By Ralph K. Andrist

There's no magic to vegetable growing—here's how you can do it, too



1. Don't overdo it. Big dreams are fine, but they won't do the work. Trim your garden down to the size of your spare time



2. Pick a spot that dries af a rain; hip boots aren't g den equipment. Tin cans a bricks also grow poor garde



3. Shade is nice stuff to work in, but it won't grow vegetables. Your garden needs sun—unless you just want exercise



4. Don't plant near trees; yo vegetables have smaller root and they'll show the strain they have to fight to get foo



5. Keep out of the garden when ground is wet. Mud that doesn't stick to your feet will dry to a good substitute for brick



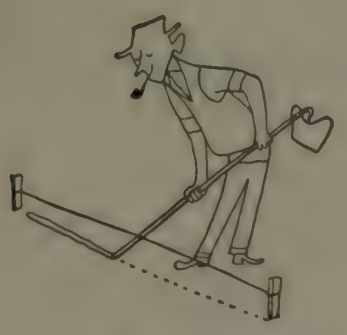
6. Start out easy: Hire some one to do the plowing. Spad ing garden is only for me of stout spirit and good wim

arden *step by step*

ur gardening plans for this spring aren't complete
s you've made room in them for a vegetable garden.
all, can you think of any other hobby where you'll
money, get absolutely fresh, tasty food, and have the
ure of gardening—all at the same time?
ere's nothing tricky about growing vegetables; it's
matter of doing the right things in the right order.
to help you, is your *Primer for Vegetable Growers*. It
ant to tell new gardeners how to begin, and to jog
emory of old-timers. Read it and then head for the
st seed store.



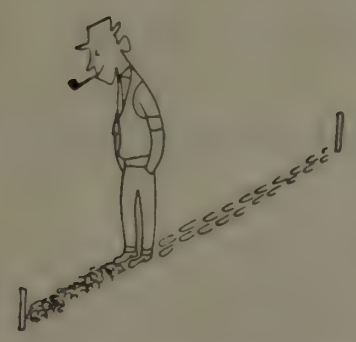
. Then break up the clods
d level the soil. Blasting
ight do the job, but raking is
much more common method



8. Now open the furrows. Free-hand work is for artists; you'll do a better job if you use a string to help keep you straight



. Correct planting depths and
istances vary among seeds.
Don't be original; read in-
tructions on the seed packets



10. Cover seeds and firm soil over them. Use back of hoe; your feet may be handier but are often a little too heavy



11. Feed your vegetables and they'll feed you. Spread complete plant food in strips close along each side of seed rows



12. Sprinkling may be fun, but the only time that it is wise is when soil begins to dry out before the seeds have sprouted

More on next page



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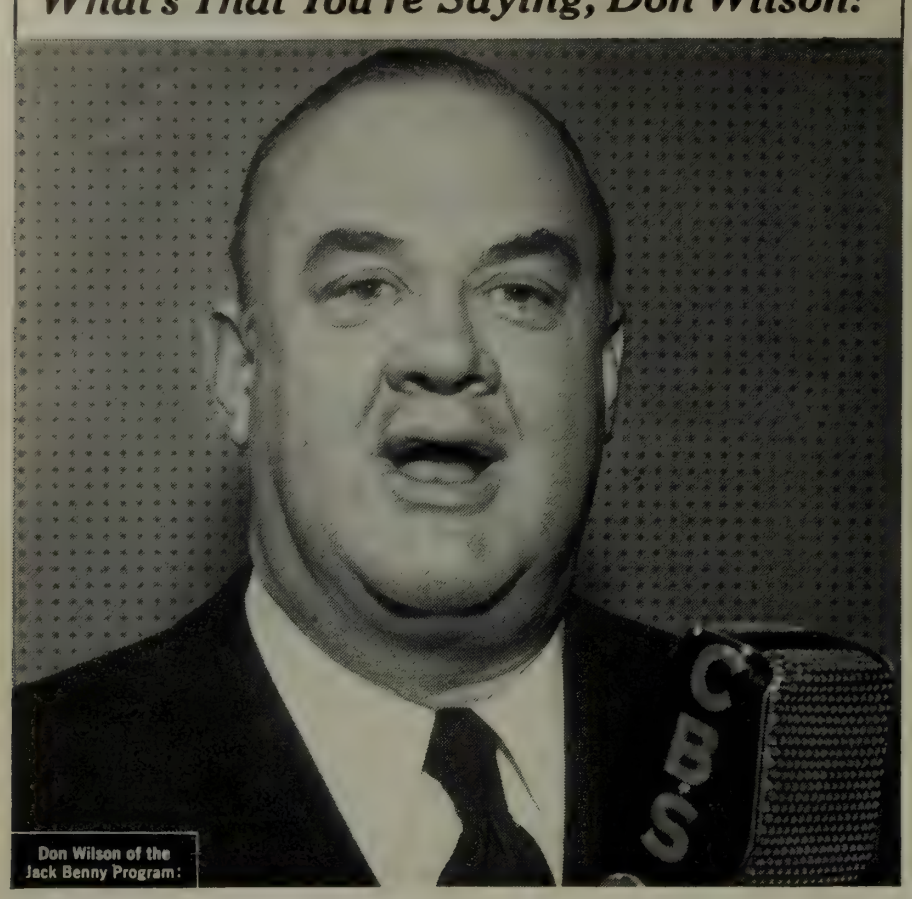
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Your vegetable garden

Begins on page 308



13. Roots, unlike ducks, can't live on the surface. Give long, cool drinks that soak down to deep roots after plants are up



14. Transplants like tomatoes need room to stretch. Dig hole twice as wide as roots, set plants a bit deeper than before



15. Little weeds are easier to lick than big ones; start fighting early. Be careful—deep hoeing hurts vegetable roots

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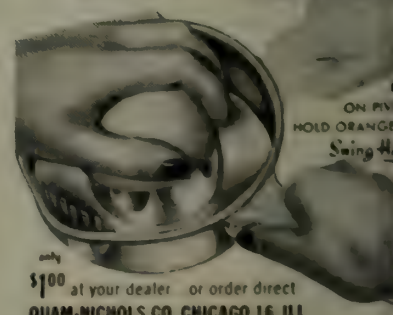


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17. Your appetite is no match for an oversized garden. Don't plant more than you can use and sow crops like lettuce, beets, and radishes at intervals



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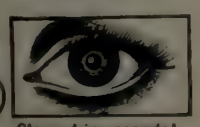
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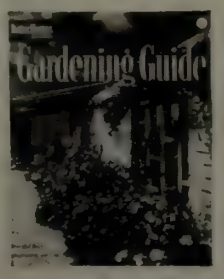
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Stevens

Continued from page 267

advisers. Bills are now being prepared to instrument this document. This report proposes such an extensive intrusion of federal agencies into the field of higher education as to result in a domination over every phase of college and university education by the federal government if those in power wish to exercise their authority.

The experts who prepared the report make three assumptions:

(1) That higher education in America is so expensive that few of those able to profit from it can take advantage of it; (2) that it is the role of the federal government to equalize these inequalities; (3) that citizenship in our time demands a level of literacy, knowledge, and insight obtained only through college education.

They also assume that the only way to obtain enough doctors, lawyers, dentists, and other professional people is by using federal money to double and triple our present facilities for professional training.

I question these assumptions.

There has been a spectacular expansion in American education since 1900. Only 1 out of 10 of high-school age went to high school in 1900. By 1940, 3 out of 4 went. Only 1 out of 25 of college age went to college in 1900. By 1940, it was 1 out of 6. Now it's better than 1 in 4, due in part to veteran enrollment. The President's commission is not satisfied with this phenomenal rate of increase.

The commission suggests that half our young men and women have the mental ability to profit from at least two years of education beyond high school. It suggests that a third of them have the ability to succeed in college. And it suggests we get them there by 1960. To do this, it says, the federal government must underwrite the program.

I would be the first to agree that there are many young men and women, not in college, who have the capacity to be there. But I violently disagree with the commission when it argues that 49 percent of those between 18 and 21 have the ability to do college work. Most of the serious studies that have been made of this problem by different states, particularly those reported by Maryland, Pennsylvania, and New York, indicate that this assumption just isn't true.

In a careful analysis of the major studies of ability as it relates to educational opportunity, Robert J. Havinghurst has estimated that: "Out of 100 boys and girls of a given age, about 5 are good college material but do not go to college. Some of this group would go to college if given financial help. Others would not."

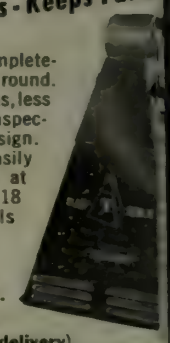
Havinghurst assumes that approximately the same proportion would go to college from lower income groups if financial considerations were not involved, as now at-

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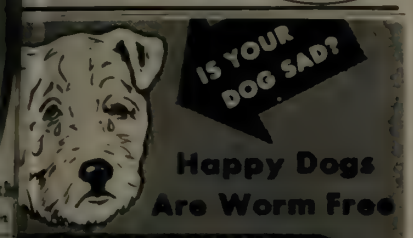
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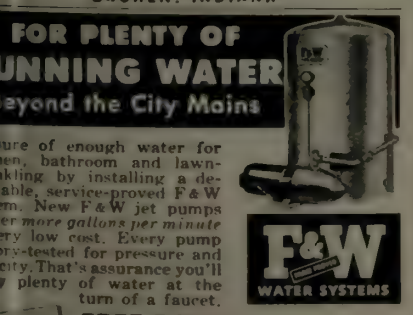








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tend from higher income groups. He concludes: "College scholarships for 2 or 3 percent of the high-school graduation group, in addition to the scholarships that now exist, would meet the needs."

Dr. Harry K. Newburn, president of the University of Oregon, estimates that the commission's 4,600,000 students in colleges and universities by 1960 is at least a million and a half too high when considered in relationship to known socio-economic facts.

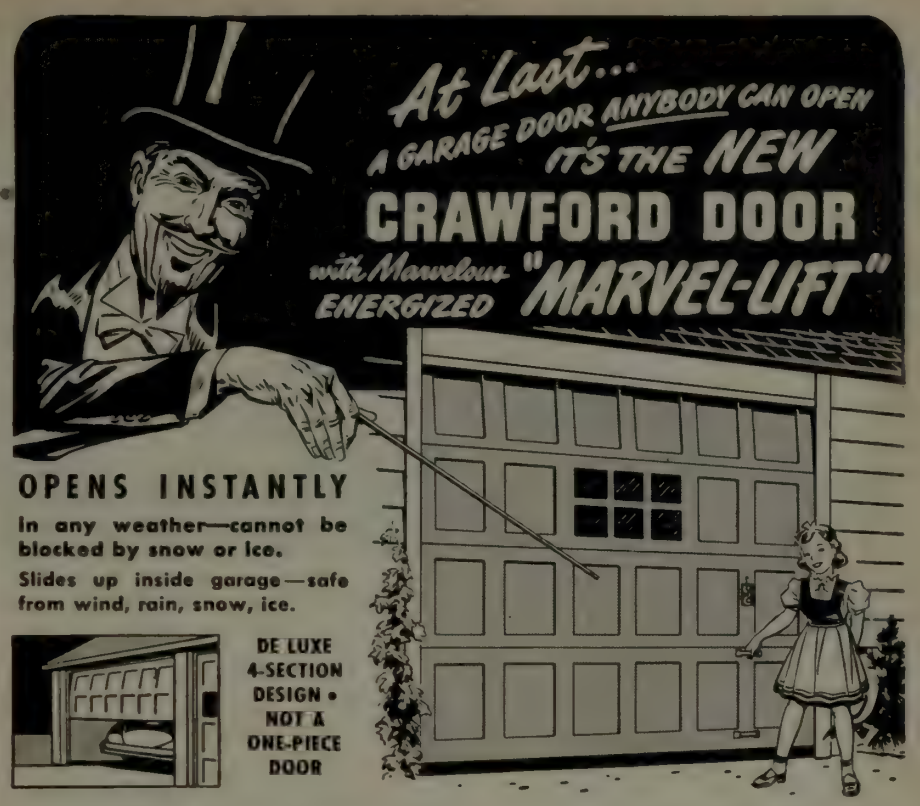
One step in the commission's program is the development of a national scholarship system by means of which young men and women would qualify on the basis of ability and need for financial assistance to attend the college of their choice. This is the only part of the commission's report which, if properly safeguarded and administered, does not seriously conflict with our traditional ideas as to the range of the federal government's interest in education.

Some people are deeply concerned with the cost of the commission's proposals. To me this is the least of our problems. In any one year the program, even when it reached full momentum, would not cost as much money as will be spent this year by the air forces, or the army, or the navy. Our young people are more important to us than airplanes, tanks, or submarines. Our real concern should be with the way in which we guarantee a more enlightened citizenry for future generations. Extensive introduction of the federal government into our public and private life cannot occur without a price which in the long run will be greater than we dare to pay. The cost will not be in terms of money, but in terms of freedom. It will not be important in terms of taxes, but it will be significant in terms of human rights. A people for whom the government does everything becomes a people enslaved. A government which guarantees by its own administrative action all human rights ultimately becomes the destroyer of them. A society which can only maintain itself by external controls ceases to be a society in which liberty is different from license and in which moral and social values are more than ethical and political expediences. The surest way to destroy that which our forefathers created is to pass our individual responsibilities on to a paternalistic Uncle Sam.

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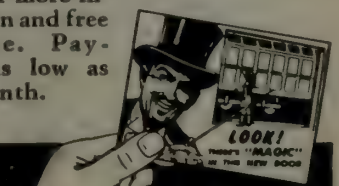
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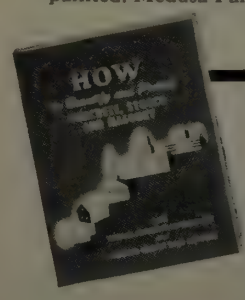
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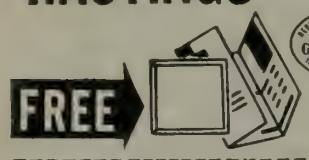
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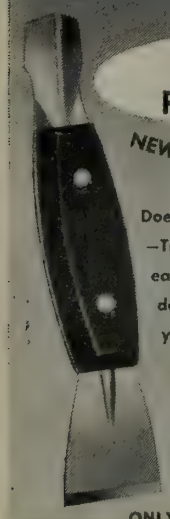
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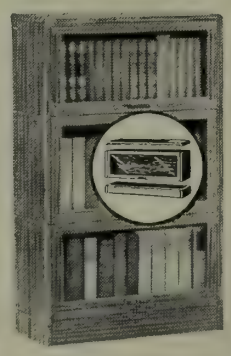
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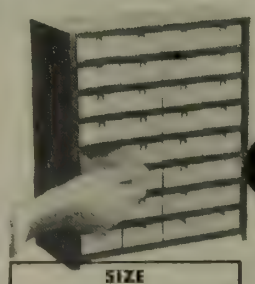
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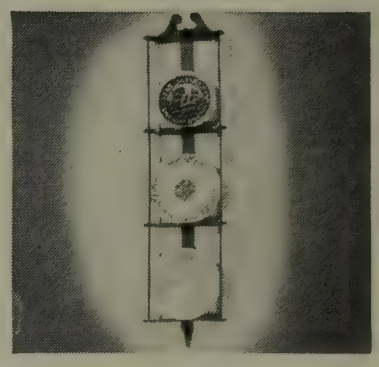
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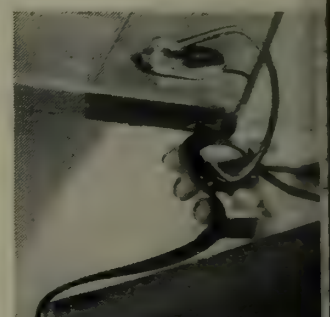
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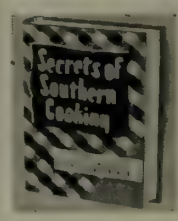
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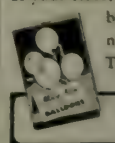


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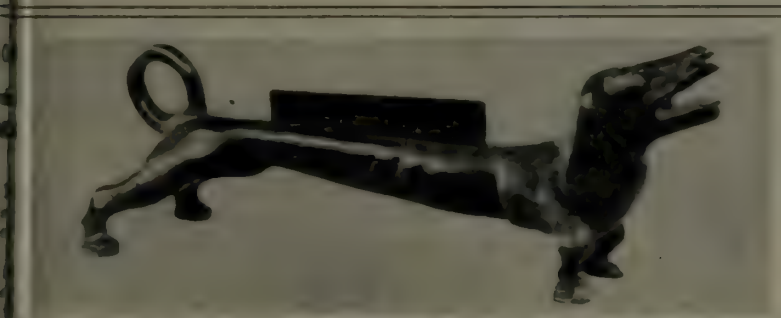




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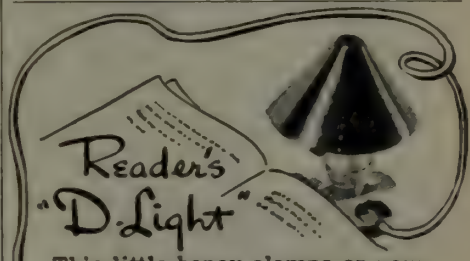
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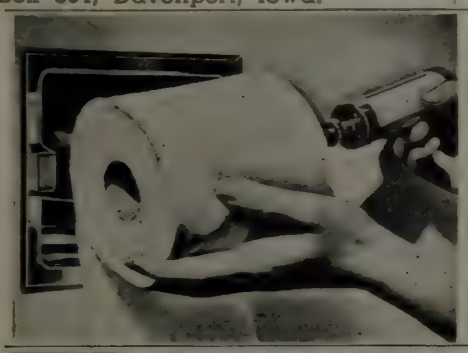
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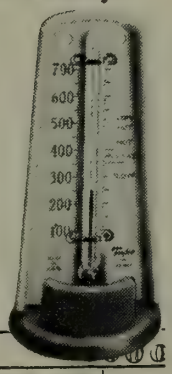
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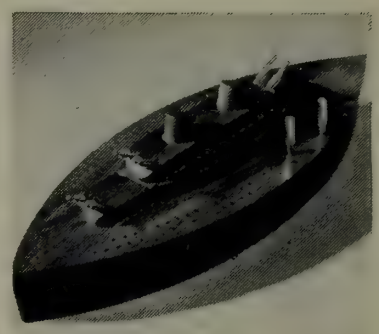
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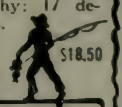
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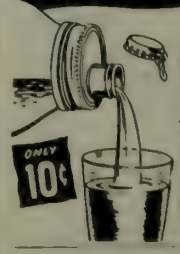


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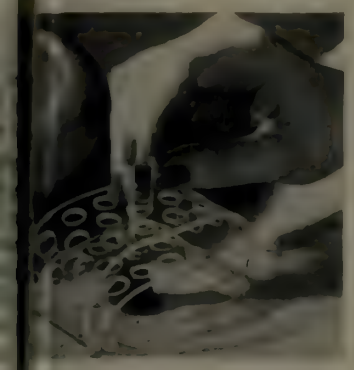


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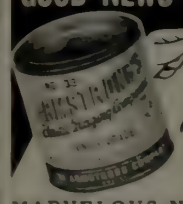
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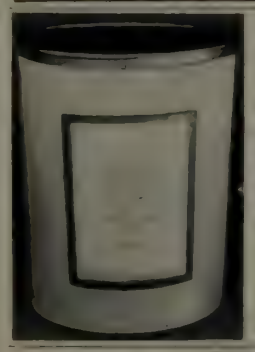


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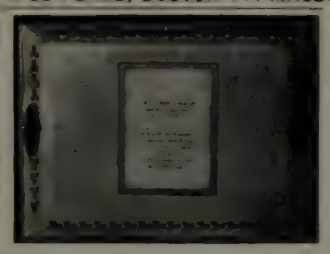
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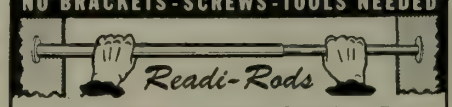
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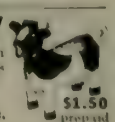
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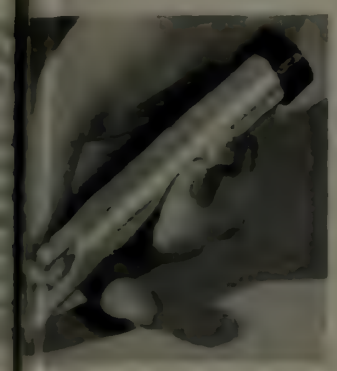
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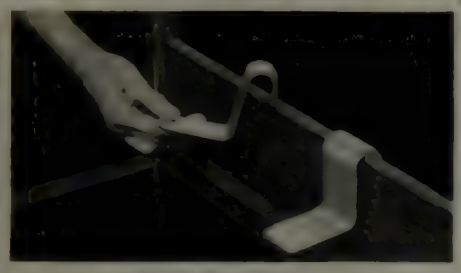
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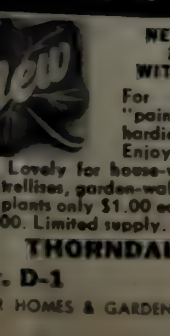
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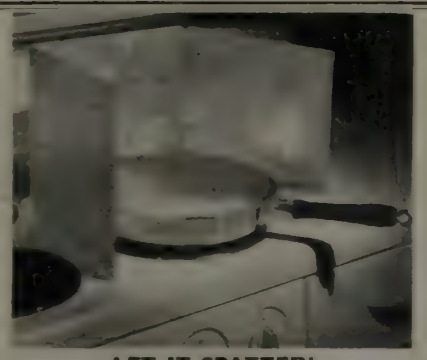
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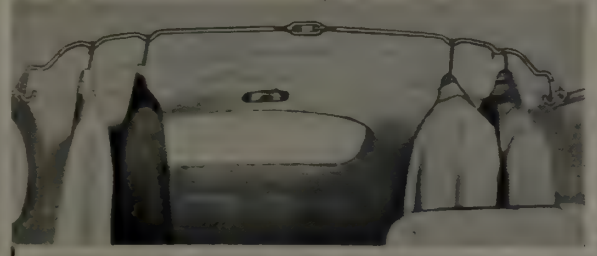
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THE MAN NEXT DOOR



This is the twentieth April in a row when I've vowed to remember to buy a foot scraper shaped like a dachshund for the side door. What's held me back is probably the fear that after I had it I wouldn't like it.

+ + +

My wife thinks the most vexatious trait in a man is that he can justify anything he wants to do on the loftiest philosophical grounds. If he wants to shift the living-room furniture, he can prove that Plato would have agreed with him.

+ + +

Lately the teen-agers in our town have taken to removing their shoes when they gather in the living room. A foreign visitor might deduce a religious (maybe a Mohammedan) significance. But I suspect they merely want freedom to wiggle their toes.

+ + +

What really expands a man's waistline fast is the finicky appetites of his children. . . . Your wife tries to tempt 'em with all sorts of fancy victuals, which tempt *you* most of all.

+ + +

I'm an enthusiastic believer in games at grownups' parties. . . . You come nearer solving the Russian problem while tossing cards into a hat, or trying to balance yourself in a big laundry basket slung on a broom suspended between two chairs, than while scratching your head and trying to be brilliant.

+ + +

"I can put my hand on almost anything I want around the house instantly," brags Les Gowan, trying to hammer a nail with a pair of pliers, "if I go instinctively to the likeliest place where it isn't supposed to be."

⬆ *I've been waiting for our first meal in the garden to try out my favorite gift from my wife —a forest green mosquito net that fits over my head. It has a small slit at the mouth, and I'm positive I can eat anything with it that'll go through a straw, completely safe from bees and yellow jackets.*

+ + +

We're mired in the same old vacation argument—whether to return again to beloved Lake Okoboji for the umpteenth time, or to explore the waiting distances. I'm arguing for new vistas this year, and fully resigned to a holiday in the same old cottage.

+ + +

If so many of my nicest friends didn't like to drink, I'd come out stubbornly for non-alcoholic evenings. And I notice more and more people are offering coffee, soft drinks, and fruit juices on the tray—and more and more smart people are drinking 'em.

+ + +

"I could chart my husband's moods on a calendar," asserts Phyllis Gowan, waiting in ambush for the garbage man. "If he's grouchy on Mondays and Wednesdays, I can count on him to be cheerful on Tuesdays and Thursdays. Or vice versa, of course."

+ + +

If you could scrub that thin veneer of imitation movie and radio mannerisms off the typical teen-agers, I think they'd stand revealed as more charming than we were at their age.

+ + +

Give me one good look at a family's medicine cabinet, another into the refrigerator, and a glimpse of a husband's clothes closet, and I'll tell you more about him and his family than Who's Who plus a secret report on his finances. ➡

We've talked for years about inviting each of the children's teachers to dinner occasionally. I think it must be a wise diffidence that holds us back. We probably fear they'd see in us and our household a clear explanation for every one of the children's foibles.

+ + +

My neighbor, a professor at our local college, fears that television will soon overwhelm us, and people will quit reading books. I console him with my theory that Jean Arthur reading a good book on a TV program with her legs crossed might actually spur a revival of interest in the classics.

+ + +

All winter I've been assembling our picnic kit, in tune with our goal of 50 picnics in '49. It's quite complete now, with canvas campstools and a safari cot. It fills two suitcases, and by roofing it over in a clearing we'd almost have a furnished summer cottage.

+ + +

When your youngest confides it makes him happy, as he goes to the bathroom at midnight, to see a light shining under your door. . . .

Every time your wife tells you how nice you look in *her* favorite among your suits. . . .

When your husband concedes that you work harder, if in different ways, than his grandmother ever did. . . .

When you're in the middle of a lecture to your son (and secretly feel pretty stuffy about it) and he suddenly says "You're right, Dad." . . .

When for no obvious reason you walk across the room about 9 p.m. and kiss the partner of your joys and sorrows. . . .

Each time the two of you exchange tidbits from what you're reading which hit you both the same way. . . .

Every time your daughter brushes your cheek with hers and seems ecstatically happy about something not altogether mysterious. . . .

Then family life wins another gold medal, and you're silently glad you didn't become a bachelor beachcomber (or a spinster career woman) after all.

—HARLAN MILLER





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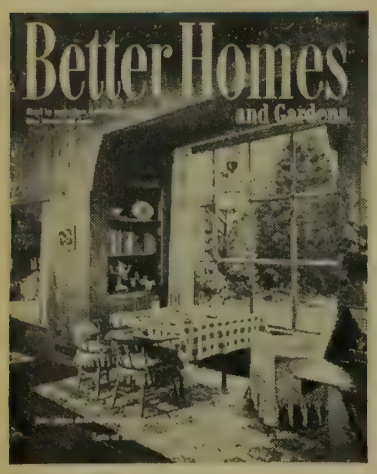
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Better Homes and Gardens

MAY, 1949 Vol. 27, No. 9



Cover photograph by Hedrich-Blessing. For story about this house, see page 52.

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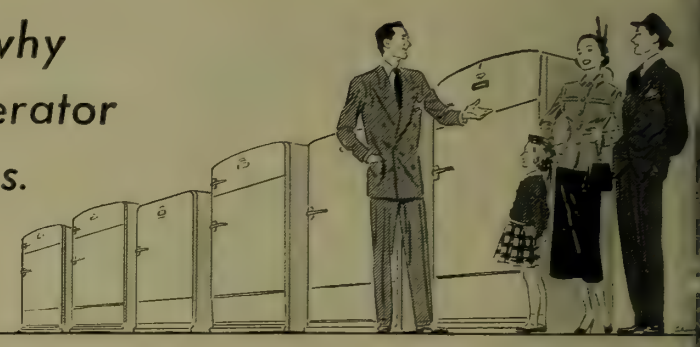
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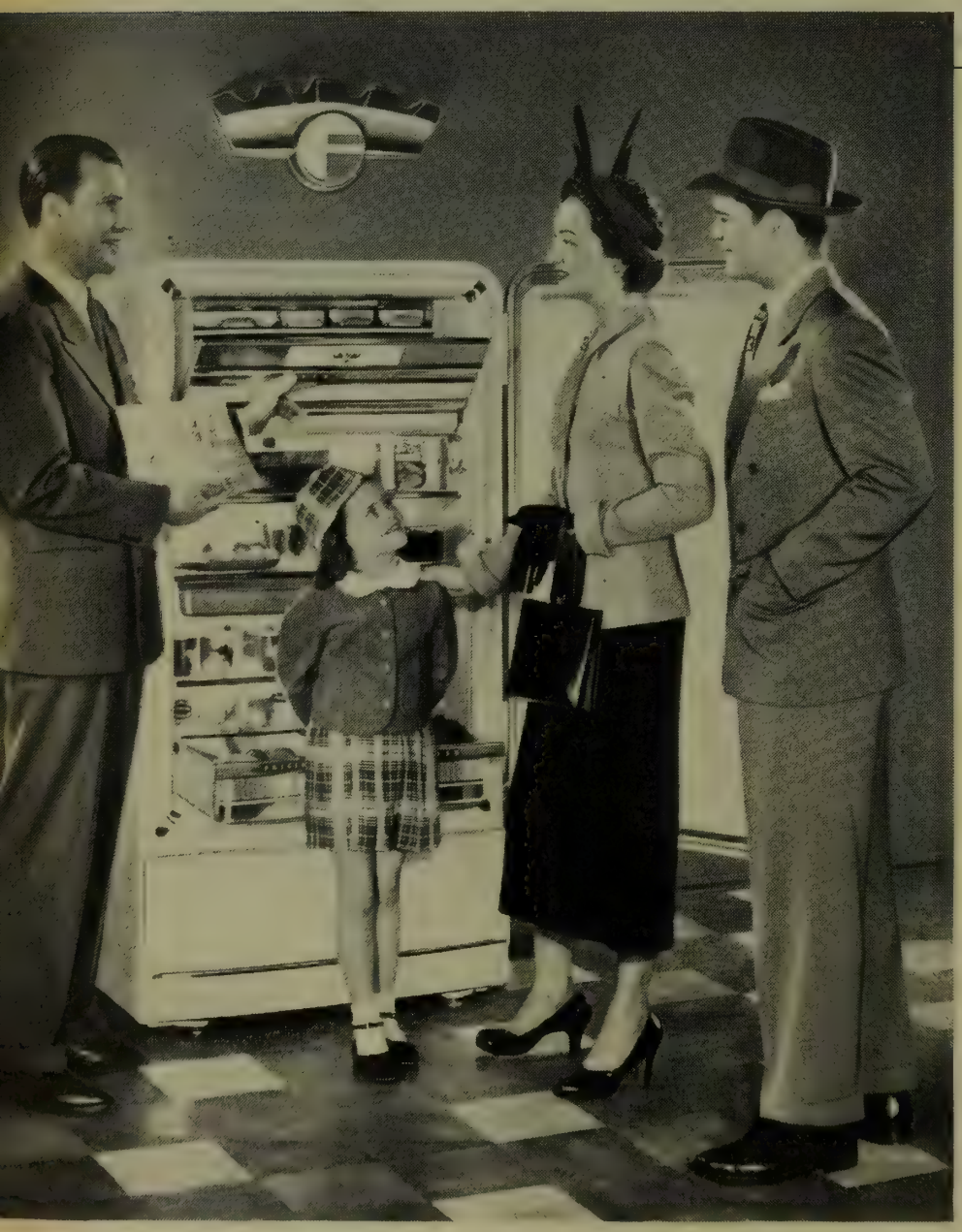
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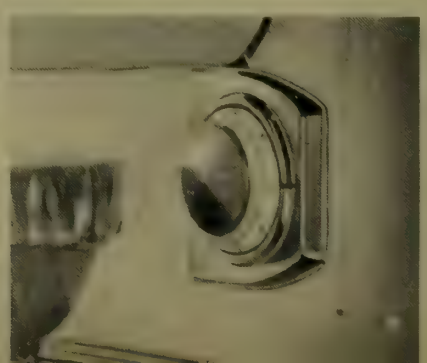
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rk house? Remodel!

We remodeled a porch, added a bay

By Paul Haman



Before



er There's a difference of 17 years, a lot of light, ween the two pictures above. By combining small windows into larger ones and by remodeling porch, we got extra light inside. Asbestos shingles dressed up exterior

Only three things were wrong with our use in Perryville, Missouri—the room arngement wasn't good, the house was dark inside, and the exterior was out of date. Actually, only feature that kept us where we were was beauty of the site.

Architect Glenn Luetje of nearby Jackson ved all three of our problems, largely by ensing part of the front porch and removing the t. This gave us a hall that takes the traffic d out of the living room, gave us more light the front bedroom, which was moved over to clude part of the old porch, and cleaned up the lines of the house. Adding a carefully scaled bay window in the living room made that room bright throughout the day and created a point of interest on the front exterior.

French doors and decorative bookshelves in the dining room, new closets for the front bedroom, and lighter paint throughout finished the interior renovation. Asbestos shingles painted white, green shutters, and a new green shingle roof built over the old roof dressed up the outside.

As a final touch, we overcame the ugly expanse of foundation wall by building a bank and planting it with low shrubbery.



an shows how living space was improved by moving e bedroom over, making room for a hall to carry traffic

Photographs: Piaget Studios



Bay window in living room gives a fine balance to exterior of our house, and gives us more light and room inside. View is pleasant—one reason we didn't sell and rebuild

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Whatever your new house may cost, it will not be a real *home* unless it is comfortably heated. So, decide upon your heating system when your house plans are still in the blueprint stage. And remember, no heating plant can be better than the controls that regulate it. To insure maximum comfort, safety, dependability and economy, insist upon Honeywell automatic control equipment.

Here are some of the Honeywell controls and control systems you can select, depending upon the size and type of home you are building.

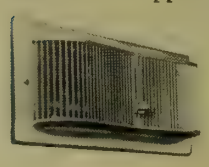
CHRONOTHERM
Electric Clock Thermostat



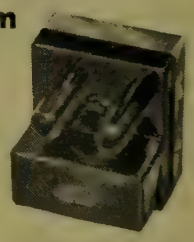
Every home should have the convenience and economy of automatic clock thermostat regulation. Chronotherm automatically switches to lower fuel saving temperature at bedtime. Then in the morning, before you arise, it restores daytime comfort temperature. Chronotherm will save 10% or more of your fuel and will give you greater heating comfort and convenience.

HONEYWELL Diffusion Register

Here at last is a forced air register that combines harmonious appearance with superior performance. It is scientifically designed to spread the warm air into every part of the room. It is so low in cost that no home need use old style, unsightly registers.

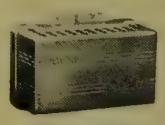


ELECTRONIC MODUFLOW
Control System



Electronic Relay

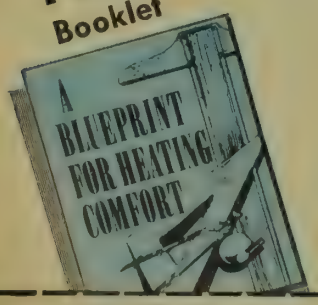
For an entirely new conception of even, continuous heating comfort, you should install the new Honeywell Electronic Moduflow control system. Electronic Moduflow combines the magic speed and sensitivity of electronics with the Moduflow principle of continuous flow of heat. It does away with the drafts and cold floors caused by the ordinary on-and-off heat supply.



Electronic Thermostat

In larger homes, and ranchtype homes, it may be desirable to install an Electronic Moduflow system with two or more thermostats located in different sections of the house. And for that basement recreation room, a separate thermostat will maintain just the temperature you want without affecting the rest of the house. An Electronic Moduflow Control System is surprisingly moderate in cost and will repay you many times in added comfort, convenience and fuel economy.

Get this **FREE** Booklet



"Begin with the blueprint!" Consult your architect or heating contractor about the proper Honeywell heating control system for *your* home. And mail the coupon for the interesting free booklet "A Blueprint for Heating Comfort" that illustrates and explains the different kinds of Honeywell controls and control systems.

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MINNEAPOLIS **Honeywell** CONTROL SYSTEMS

New foods

ods that save cooking time or let u skip cooking entirely. New packed mixes for angel cake, brownies, sted malts. New snacks. New wraps

Short-cut foods

Minute rice is already-cooked, long-grain, white rice. You add water and salt in measured amounts, heat to boiling, let stand a few minutes. Each grain is fluffy and tender—just as though you had boiled and rinsed and coaxed the rice to perfection. Without any fuss, you can make expert Savory Browned Rice, Spanish Rice, Rice Pudding.

Premeasured baking powder will be on your grocer's shelves in the future. Each teaspoonful of baking powder is sealed into an individual compartment of a sectional cellophane ribbon. The ribbon feeds out through a slot, can be torn off at the marked intervals on a serrated metal edge. In addition to eliminating measuring, the cellophane packaging protects baking powder from deterioration.

Butter patties, each stamped with a star, come aluminum-wrapped in one-pound packages. Just the thing for dress-up dinners when you're getting out your bread and butter plates. Save cutting, stamping, or molding.

tant tea dissolves in cool or warm water. Just put ½ to easpoon instant powdered tea in tall glass, half fill h water, stir, and add ice cubes. Or use instant tea to ke quick hot tea, using ½ teaspoon to a cup.

Tea syrup is made for those who like their hot and iced tea sweetened. After opening keep the bottle of tea syrup in your refrigerator. For iced tea, add about 2 tablespoons to a glass of ice and water; for hot tea, add about 1 tablespoon tea syrup to 1 cup boiling water.

Ready-to-eat foods

ady icing, milk-chocolate flavored, comes in a jar ready spread on cake. There's nothing to add. Or you may y a variety of frosting mixes in packages—you add rm water only. They come in several flavors besides ocolate and vanilla—almond, coconut, peppermint, awberry, maple, and orange.

Pecan cake is a Texas delicacy, a rich blonde fruitcake full of whole red cherries and perfect nut-meat halves. Now you can buy it in a 1-pound 2-ounce can which serves 10 to 12. Chill it in the can thoroughly, and it will slide out and slice beautifully without crumbling. Top with whipped cream or any dessert sauce if you wish.

Canned tomato aspic is all ready to serve. It's jellied with pectin so you do not need to chill it. Just open one end of can, punch a hole in the other end, slide aspic onto plate and slice it. Or immerse unopened can 20 minutes in boiling water, open and pour into mold. After 30 minutes in refrigerator, it's ready to unmold. [*Turn to page 200*

I dreamed I was buying my silverplate.
It was the kind with these
nothing but the best for my dreams you know,
and what lovely patterns!
★ The new Spring Garden and
Danish Princess and
Lovely Lady and
Youth.....All of them inlaid
with the two blocks
of sterling silver at the backs
of bowls and handles of
most used spoons and forks
to stay lovelier longer!
Such beautiful silverplate!
Such a wonderful dream!
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Maple GOES Glamorous

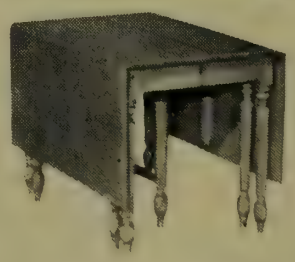


PICTURE YOU, your family and cherished friends around this lovely table, laden with the good things of an abundant land, dispensing hospitality . . . hostess, chatelaine, keeper of proud possessions.

None prouder than your beautiful cupboard, your satiny smooth sideboard, your gleaming table fashioned by honest hands in honest SOLID wood—granite-hard sugar tree maple.



Here is furniture that fits your modern small apartment in the city or the generous space of your suburban dining room. Here are new refinements and new graces in maple, married to the old charm and the old appeal of this always popular wood.



And it's not beyond your budget, either! You'll find you can get all the pieces—11 of them!—at your nearest Willett dealer for approximately $575. Individual pieces are proportionately low priced.

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CONSIDER H. WILLETT, INC., LOUISVILLE 11, KENTUCKY

New faces for old garden favorites

You'll like the fresh new colors worn by these enduring plants

By Dale Somers

Gardens are like your business. The wise man puts most of his money into standard items, but invests a little each season in exploring the merits of new products.

Do the same thing in your garden and it works out that you always have a good show of healthy plants with some extra excitement from time to time from novelties. If you've taken a big chance on the hardiness of your novelties, then you may wish you'd stuck to the time-tested plants. But you take no chances with the four winter-hardy plants mentioned here.

If you grow the older forms of pussy willow, moss phlox, monarda, and floribunda roses, then you'll succeed with these.



The brightest early phlox. Dixie Brilliant, star of the Phlox nivc group, outdoes all other low spring phlox with its vivid rose-red flo ers each of which can easily hide a silver quarter. Best above a low w



ender—new color in roses. Lavender Pinocchio is like its sister, the l-pink Pinocchio, except in color. In the large flower heads are amon-brown buds, and silver-pink blooms, filled with gold stamens



bussy willow that blushes rosily. Rose Gold is its name. This new arf willow makes a beautiful display with its two-inch catkins before thing but the crocuses are out. Grows to five feet; good for cutting



ice color for shady spots. Monarda Croftway Pink is a delightful new ember of the Oswego Tea or Beebalm family which has until now stly bloomed in reds and purples. A good plant for July-August bloom

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Eagle-Picher Mineral Wool is one of the most efficient insulating materials known. It keeps your home up to 15% cooler than hot outdoors!



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A Certified Job is a complete insulation job. It enables you to enjoy cool, refreshing temperatures upstairs and down . . . makes *every room* livable, comfortable, enjoyable!



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The certificate you get is your assurance that insulation is installed everywhere needed—in the top floor, ceiling, sidewalls, around windows. Thickness of insulation, and quality of workmanship, are *factory-specified.*



With a Certified Insulation Job, you're sure of the benefits of complete, permanent insulation—year 'round comfort . . . up to 40% fuel savings. Why not ask your Eagle-Picher contractor for a free "Thriftolater" estimate of the fuel savings you'll get.

The Eagle-Picher Company, Dept. BH-59, Cincinnati (1), Ohio

Gentlemen: Without obligating me, please send particulars about an Eagle-Picher Certified Insulation Job. (Please check only one.)

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"Triple-Play" PHONOGRAPH *plays all records automatically*

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SEE! HEAR! ON NBC TELEVISION NETWORK! ADMIRAL BROADWAY REVUE EVERY FRIDAY, 8 TO 9 PM, E

ore from your lawn mower

- by caring for it properly
- by using it right

By Ken Murray

It may be stretching the point to say that there is an art to mowing a lawn. On the other hand, there's more to it than just pushing the mower across the grass. You can't expect to do a good job unless your mower is properly used.

Modern lawn mowers will give good service over a long period of time—if you take good care of them. Lawns studded with stones and twigs will dull and pit the blades. Frequent jarring against walls or trees may throw the mower out of line. And, of course, a mower needs to be oiled, greased, cleaned, and adjusted regularly to do its best work.

Lawns should be mowed when they need it, not at any set time. Close mowing will remove so much of the leaves that the grass plants may starve, while grass too long will thin out in an effort to reach the light. About 1½ inches is considered the ideal height to cut most grass.

As a general rule, don't mow wet grass because it tends to flatten down. Many of the blades aren't cut, and the lawn is uneven when it dries and the grass springs back up. Besides, the weight of mower wheels and feet tend to pack down wet earth and make it difficult for grass to grow.

You'll find other tips on the proper care and use of a mower on this and following pages. They're all suggestions which will help you have a neater, better-looking lawn with less work.



u don't like rattles in your car; why tolerate them in your mower? hten all bolts and screws occasionally during the season or you'll ve a loose, rattling mower old before its time. Wipe cutting edges h an oily rag (right) frequently, especially after mowing damp grass

More on next page



Once in a lifetime

There's one choice you need make only once in a lifetime. When you choose Bruce Hardwood Floors for your home you acquire a permanent setting for room beauty. These distinctive floors need never be replaced . . . with simple care they will remain bright and beautiful for the life of your home.

Once in a lifetime you have this glorious opportunity to select beautiful floors that will always harmonize perfectly with your individual taste in furniture and furnishings, and with changing interior decoration.

You can have style and variety, too, in Bruce Hardwood Floors. The modern block design, the random-width planks, and the ever-popular strip each has a charm and style of its own.

For added beauty, durability and economy, you can specify that your Bruce Hardwood Floors be *prefinished* . . . completely finished and waxed at the factory.

Ask your lumber dealer, architect or contractor about Bruce Hardwood Floors for your home. For literature, write E. L. Bruce Co., Memphis 1, Tenn.

Bruce

HARDWOOD FLOORS

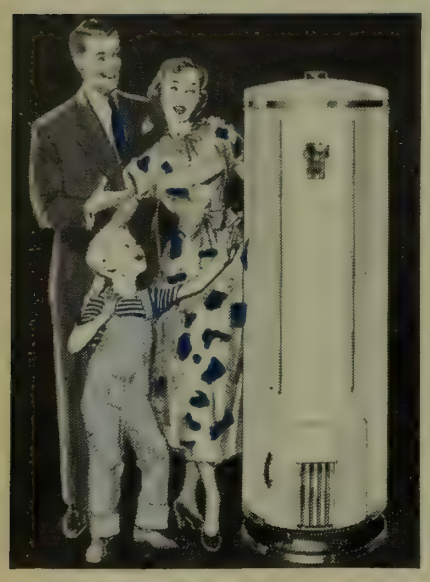
BRUCE Naturally Beautiful!



A Product of E. L. Bruce Co., Memphis, Tenn., World's Largest in Hardwood Floors
Bruce Also Makes Terminix, Bruce Floor Cleaner and Waxes, The Bruce Doozit

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SPEED UP YOUR HOUSEWORK



All household chores go faster . . . everyone is happier . . . when you have all the hot water *everyone* wants at the turn of a tap! Dishes, laundry, cleaning—ever-ready hot water helps you get them done faster and easier.

And what a timesaving pleasure it is to have hot water always ready, *and plenty of it*, for baths and shaving!

With an automatic gas water heater in your home there's no waiting—nothing to turn on—nothing to turn off. It's pure convenience for the whole family!

This New Kind of Water Heater

GIVES YOU BUILT-IN RUST PROTECTION

BECAUSE *Glass* CANNOT RUST!

Permaglas Automatic Water Heaters give you every feature you expect today—tested and proved. But most important, they guarantee *no rusting*. The special tank, smooth as a mirror inside, CANNOT rust because GLASS cannot rust. That's why, with a new *Permaglas* Gas Water Heater, you won't have to replace your water heater every few years.





HUGE FURNACES permanently fuse the glass coating to the inside of all tank parts. Temperatures as high as 1600° F. produce a mirror-smooth surface that resists all rust.

SHOCKPROOF! Neither icy cold nor scalding water affects a "*Permaglas*" tank section embedded in ice. A test like this produces a thermal shock greater than in home service.

FOR DRAMATIC PROOF, see your dealer who displays the "*Permaglas*" emblem—merchant plumber, appliance dealer, or public utility. Let him demonstrate *all* the features of this true-economy gas water heater. Or write us for your dealer's name and illustrated folder.



FOR HOT WATER MAGIC GAS has got it!

Guaranteed by Good Housekeeping

Permaglas

TRADE MARK REG U. S PAT OFF

A SMITHway GAS WATER HEATER*

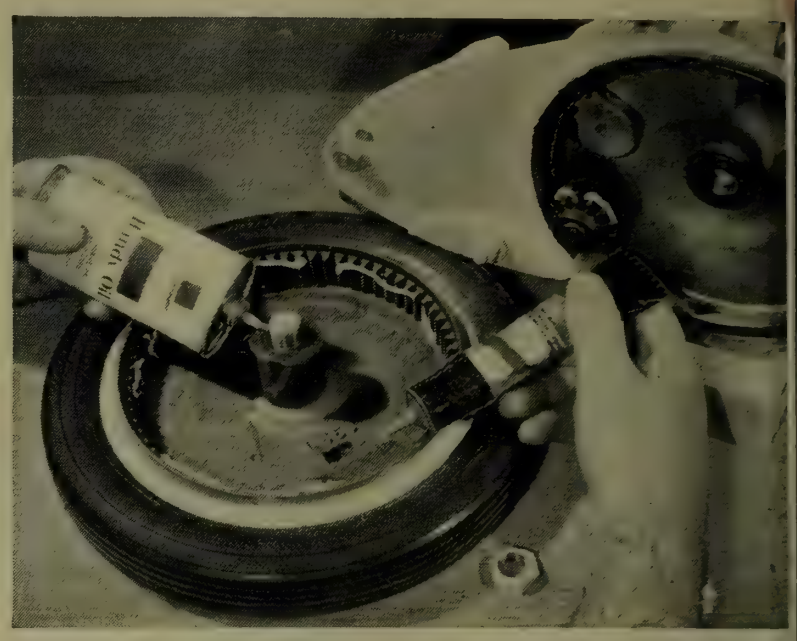
A. O. SMITH Corporation, Water Heater Division, Kankakee, Illinois

International Division: Milwaukee 1, Wisconsin • *Licensee in Canada: John Inglis Co., Ltd.*

Also quality zinc-lined *Duraclad* and *Milwaukee* Automatic Gas Water Heaters

More from your lawn mower

Begins on page 12



You can't have an easy-running mower without adequate lubrica If your mower has oil holes, put a drop or two of light oil in eac every time you use it. Gears in wheels should be greased, as s above, twice a year, and wheel bearings oiled at the same

Here is a good home method for keeping a mower sharp. First reverse direction in which blades turn. Some mowers have a simple adjusting device to do this. On most machines, however, remove drive wheels and reverse pinion gears (shown) by putting left pinion on right side and vice versa. Now see picture below for the next step



Photographs: Murray, Stanley



Replace wheels; spread a thin paste of No. 120 emery and oil or ting edge of underknife as shown. Revolving blades should touch u knife evenly and lightly. Now push mower upside down to sha Don't overdo it! Wipe off all paste; return pinions to original posi

More on page

THERE'S A *RIGHT WAY* TO DO EVERYTHING



...and there's a RIGHT GRADE of *WEST COAST WOODS* for every building use

GET THE FACTS on the use of the less expensive grades of lumber before you build . . . you'll be glad you did!

West Coast Woods are graded for use. . . some are more expensive than others. By using the most economical grades that fit your needs you retain all the features of building with wood . . . its insulating quality, beauty, versatility . . . and you reduce your building costs.

We're bringing a larger proportion of the less expensive grades out of the forests than ever before . . . which will help lower building expenses. Your retail lumber dealer can show you where to use them . . . and save you money.

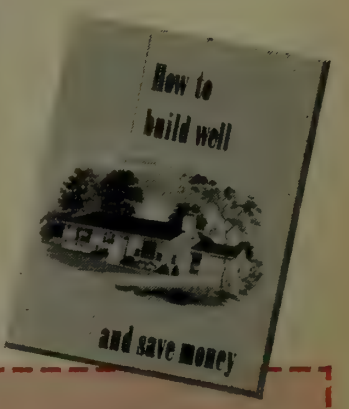
TIMBER IS A CROP...and grows on tree farms. LUMBER, properly used, represents less than 20% of the cost of the average home.



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FREE HOME-BUILDERS GUIDE! Our illustrated booklet "How to Build Well and Save Money" is a valuable guide for anyone who is building or interested in building. It points out the important steps to consider in making sure of a soundly built home . . . for less money. SEND COUPON for your FREE COPY.



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finger-tip bowl control
makes it easiest to use!



the New HAMILTON BEACH Food Mixer ...with Mixguide



Mixguide **puts speed control right under your thumb. Right under your eye, magnified for flash reading, are these ten scientifically tested speeds:**

1 SLOW MIXING	6 WHIP CREAM
2 SLOW BEATING	7 WHIP POTATOES
3 HEAVY BATTERS	8 CANDY, BEAT EGGS
4 JUICING FRUITS	9 COOKED ICINGS
5 ICINGS, CREAMING	10 ATTACHMENTS

THE NEW Hamilton Beach is the *easiest-to-use mixer* there is. With it, you blend all ingredients evenly by simply shifting the bowl while beaters and bowl are revolving. Only Hamilton Beach gives you *finger-tip bowl control.*

AND ONLY Hamilton Beach gives you *one-hand operation.* You hold the beater unit in one hand, set the speed with your thumb.

YOU GET still another Hamilton Beach *exclusive* in *one-hand portability.* Its beater unit glides off the stand for use anywhere. No tricky catch to release, nothing to detach. Easy off, easy on!

MANY MORE *extras* make Hamilton Beach the *easiest of all mixers to use.* Full power even in heaviest batters. Balanced handle that really fits your hand. Grooved mixing bowls that are easy to lift, that guard against slipping.



OF COURSE, it costs more to bring you all these work-saving features. But you pay no more. So ask your dealer to show you the new Hamilton Beach—*America's easiest-to-use mixer.* Hamilton Beach Co., Div. of Scovill Mfg. Co., Racine, Wis.

Made by the makers of top-value Hamilton Beach Vacuum Cleaners.

$38.50

($39.25 west of Rockies.) Includes free-flowing juice extractor and two mixing bowls.

Do we need

Uncle Sam

YES

says Senator Allen Ellender, Louisiana, co-author of federal housing bills

At the conclusion of his book, *Crusade in Europe*, Ge Eisenhower summed up his ideas on what we must do really want democratic institutions and ideals to survi

"The areas in which freedom flourishes will contin shrink," he said, "unless the supporters of democracy m Communist fanaticism with clear and common underst ing that the freedom of men is at stake; meet Commu regimented unity with the voluntary unity of common pose; and, above all, annul Communist appeals to hungry, the poor, the oppressed, with practical measure tiringly prosecuted for the elimination of social and ec mic evils that set men against men."

It is significant that General Eisenhower should p the greatest emphasis on the elimination of social and nomic evils. It has its world-wide application, of co but it also brings us right back home to our own nati problems. One of these problems is housing.

Most of you who read *Better Homes & Gardens* are sc customed to modern conveniences that you have diffic in visualizing what it would be like to get along without t

About the worst that happens to most of you is tha plumbing goes out of whack for a few hours or the he plant breaks down for a short time. You can always g your neighbors and friends during the emergency. Slee occasionally on cots and the rug in the living and di room and having a lot of visitors around the house for a days are temporary inconveniences most of you don't m

But how many of you have thought what it would be living where not only your own house but also every o house in your crowded city block had no bathroom at How secure would you feel about the health of your fa and yourself if your home was always cold and damp? H would you like to have your children playing in filthy al because there were no yards or parks for them? What w it be like if you had to share your home all the time—u conditions which, to apply General Eisenhower's ph "set men against men"?

Well, today several million of your fellow American live under such conditions. The girl who comes in to your wife with the children may be one of them. And d think that doesn't affect you!

Last year the Joint Congressional Committee on Hou found over five million families struggling to live in the and dilapidation of our city slums. [*Turn to page*

id in housing

NO

s Rodney Lockwood, Detroit builder, past pres-nt of National Association of Home Builders

ow much longer will it be true in America that "A 's home is his castle"?

re we headed for a police state in housing under which rican families will live wherever and under whatever itions some government bureau may dictate? This situ-n, of course, prevails in Russia, but England and France, h still *call* themselves democracies, have reached vir-y the same state.

ngland started down the path to regimentation in hous-in 1919 with the enactment of the Town Planning Act. s venture into government-owned housing was begun as ll-intentioned effort to improve the housing condition w-income families. But politicians seized upon it as a nt political force. Today in England no private home be built without government permission, and nearly all sing is built and owned by the government.

France, too, government control of housing began at nd of World War I. It has been tightened progressively. s Bertrand de Jouvenel, noted French economist:

If you are in search of a place to live, you cannot find it ny price. There are no vacant lodgings . . . nor can the ers expel anyone. Young couples must live with in-laws, the wife's major activity consists in watching out for ths. Tottering old people out to sun themselves in public dens will be shadowed back to their flat by an eager ng wife who will strike a bargain with the janitor, so as to first warned when the demise occurs. Other apartment-sers have an understanding with funeral parlors. . . ."

t us see what the housing planners have in store for us e in the United States. The chief of the federal housing eaus, Mr. Raymond Foley, has prepared legislative pro-als which provide for (1) a declaration of a national using policy, (2) appropriations for subsidizing govern-nt-owned housing, (3) federal loans and capital grants to al governments for slum clearance projects, (4) financial istance by the Secretary of Agriculture to farmers for con-uction of farm dwellings, and (5) federal sponsorship of g-range housing research.

The "declaration of national housing policy" will no ubt give lip service to individual homeownership. But it ll also lay a basis for government control and ownership of homes of this country. The proposed program of housing earch will result in nothing more than a propaganda bar-e to persuade you that our present [*Turn to page 207*



How we retired with $200 a month

WE'RE having a wonderful time, Betty and I. We're doing all the things we've dreamed of doing. We're really living. Summers, we pack the car and take trips. And it's all thanks to a check for $200 that comes by mail, regular as clockwork, every month!

The neighbors think we're rich. Few guess the truth. Actually, almost anyone can provide the regular income we have—if he starts young enough.

Luckily for me, I was about forty when Betty began to worry about our future. "You're going to want to slow up in a few years," she'd say. "You won't always want to work." And I'd laugh. Because I felt fine. "I *still* have twenty good earning years ahead of me," I'd answer.

But one day she stopped me. She asked me how much I'd earn in the next twenty years—not counting raises. I did some quick arithmetic, multiplying my salary by 20. It ran up into *six figures!* I gave her the answer, and grinned.

Betty wasn't impressed. "How much of that do you think we'll save?" she asked. I had to be honest. We were spenders. "A thousand or two," I admitted.

"That's just our trouble," she said. "We can't seem to save. That's why you ought to get one of those retirement income plans. *And now.*"

I could see that Betty was right. Most of what I'd earn in the next 20 years would go—as it always did—unless I made some systematic plan for our future then and there. So I looked into the subject and discovered the Phoenix Mutual Retirement Income Plan.

It was a way I could make part of my salary *now* buy me a retirement income *later*. All I needed was to start in time.

With a Phoenix Mutual Plan, I could get a check for $200 a month for life, starting in 20 years, when I reached 60.

Betty and I were both mighty happy the day I applied and qualified for my Phoenix Mutual Plan. Right away it gave us a feeling of security. But the big day came, twenty years later, when our first Phoenix Mutual monthly check for $200 arrived in the mail. I *retired*. Now Betty and I are having the time of our lives—with no money worries.

Send for Free Booklet

This story is typical. Assuming you qualify at a young enough age, you can plan to have an income of $100 to $200 a month or more—starting at age 55, 60, 65 or older. Send the coupon and receive, by mail and without charge, a booklet which tells about Phoenix Mutual Plans. Similar plans are available for women. Don't delay. Send for your copy now.

ESTABLISHED 1851

PHOENIX MUTUAL

Retirement Income Plan

GUARANTEES YOUR FUTURE

PLAN FOR WOMEN

PHOENIX MUTUAL LIFE INSURANCE CO.
771 Elm Street, Hartford 15, Conn.

Please mail me, without cost or obligation, your illustrated booklet describing Retirement Income Plans for women.

Name_____

Date of Birth_____

Business Address_____

Home Address_____

PLAN FOR MEN

PHOENIX MUTUAL LIFE INSURANCE CO.
771 Elm Street, Hartford 15, Conn.

Please mail me, without cost or obligation, your illustrated booklet showing how to get a guaranteed income for life.

Name_____

Date of Birth_____

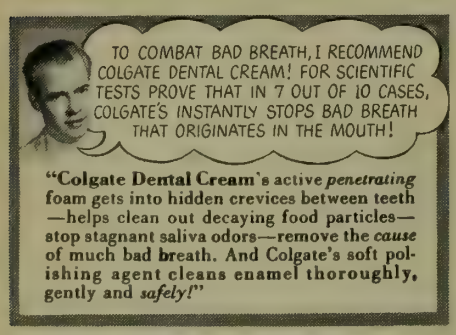
Business Address_____

Home Address_____

COPYRIGHT 1949, BY PHOENIX MUTUAL LIFE INSURANCE COMPANY







"**Colgate Dental Cream**'s active *penetrating* foam gets into hidden crevices between teeth—helps clean out decaying food particles—stop stagnant saliva odors—remove the *cause* of much bad breath. And Colgate's soft polishing agent cleans enamel thoroughly, gently and *safely!*"

LATER-Thanks to Colgate Dental Cream





Always use
COLGATE DENTAL CREAM
after you eat and before every date



Even an informal, loosely laid boulder wall like this one can be a garden. Rock planting here does more than dress up the low walls—it ties them into the rocky slope that path, walls, and background become a unified gard

Rock walls become gardens

Photographs: McFarland



A wall can be part of your flower garden. Here moss phlox (light) and trailing campanula (dark) in foreground are among the rock plants forming a border for a bed of iris and daffodils above wall

By Anderson McCully

Do you have a rock wall? You' lucky. Plant it. Right planting c improve the looks of a good wall, hide the shortcomings of a poor or

Plants can't grow through mort so you can use only a wall laid wit out mortar for crevice plantin However, even a mortared wall c be planted by using only trailers th hang down from the top.

Before selecting plants, take in account the exposure, height, a length of the wall. Is the wall han some enough to need plants only f accent? Or should it be largely hi den? Since yellowing foliage on wall is in plain sight, choose eve green plants, or ones that disappe quickly after blooming. Some plan like granite rocks, others prefer lim stone.

For wide-covering plants to ma your wall, arabis and aubrietia both spring-flower- (*Turn to page 2*

Because it's so different!

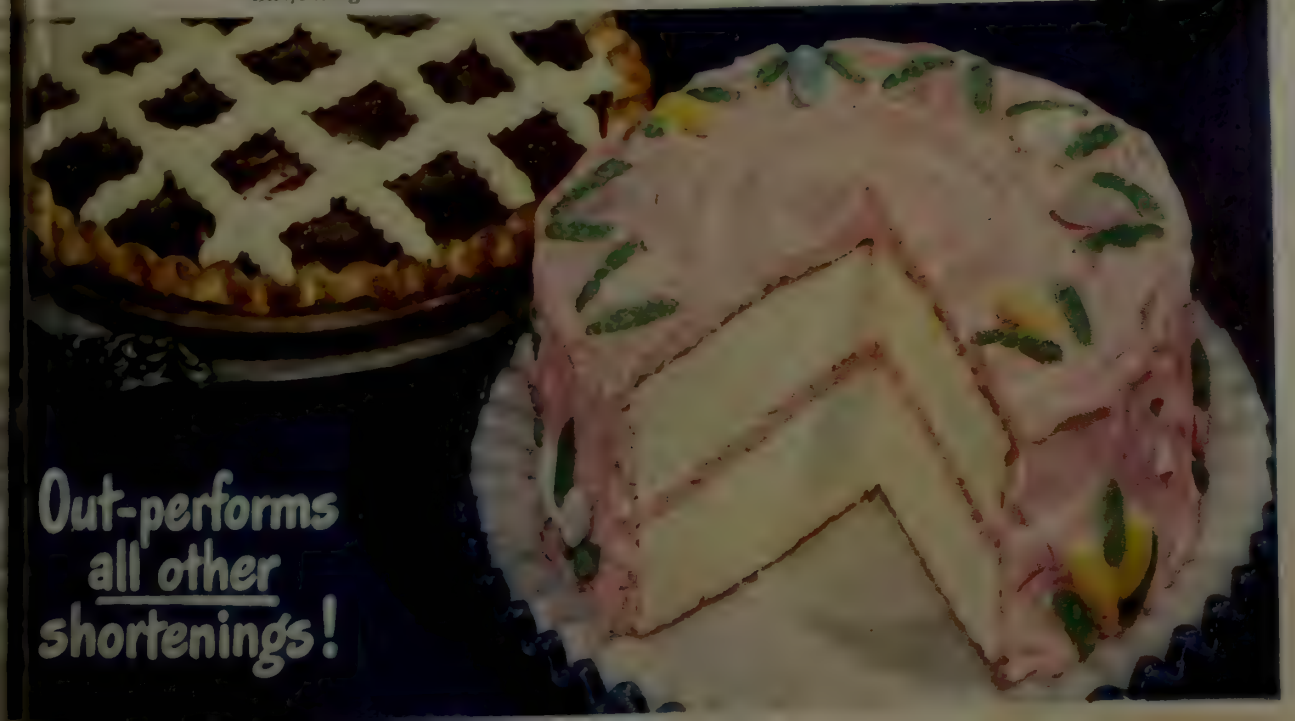
Because it's so much better!





Good cooks are switching to Swift'ning*

*Swift'ning is the trade-mark for Swift & Company's Shortening.



The shortening that gives you both perfect quick-mix cakes and extra flaky pies

IT'S THE shortening good cooks have hoped for—a *truly* all-purpose shortening that's ideal for *both* cakes and pies!

Thanks to an exclusive *quick-mix* ingredient, Swift'ning is superlative for *all types* of cake. As for pies—tests *prove* it makes pies flakier than any other all purpose shortening.

Here is a shortening white as wedding-dress satin . . . so pure, so delicate, so fluffy, there's pleasure just in spooning it out. It's tasteless, odorless, digestible. It needs no refrigeration.

Just try this finest of all-purpose shortenings. Try it for cakes, for pies, for fried foods. You'll switch to Swift'ning, too!

Highly Digestible! Extra Nutritious!

a Miracle in Metals

You'll never know how easy cooking can be until you try the Revere "waterless" way. These Revere Ware "Kitchen Jewels" heat up quickly and evenly. Precious vitamins and minerals are preserved to bring extra health to your family. These utensils are easy to keep silvery and bright. And of course they're practically indestructible. You can't burn a hole through them. They won't rust, pit or stain. And there's a complete line of the Revere Copper-Clad Stainless Steel beauties—saucepans, skillets, Dutch ovens, coffee percolators, double boilers, saucepots—to help make your cooking more tantalizing, and to save you time, trouble and costly fuel.

REVERE COPPER AND BRASS INCORPORATED,
Rome Manufacturing Company Division, Rome, N. Y.



Like all good things, Revere Ware is imitated. To make certain you get genuine Revere Copper-Clad Stainless Steel utensils, look for the trade-mark in the extra thick copper bottom. *Watch for new items at your dealers.*

Corner furniture

Makes the most of room space



Corner make-up table helps you use every inch of bedroom space advantage. Lift lid in the top has an attached mirror; the shallow dra below the lid holds jewelry. Sham drawers—at either side of the tabl are really doors that swing out for easy access to deep shelves ins

Photographs: Dale R



Corner desk fits neatly into the smallest living room. Seven sin drawers and one double filing drawer provide lots of storage space living-room games as well as for desk supplies. Top of the desk covered with gold-tooled leather. Both corner pieces are mahoga

Where to get it, page 1

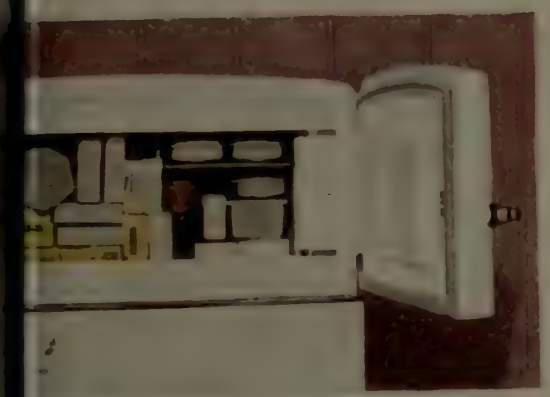
What to look for...when you're looking for the all-time best!

y finest refrigerators made today offer
timesaving, worksaving, moneysaving
ges of having *both* a home freezer and a
-food refrigerator in your kitchen.

s what you should *expect* in a truly de
igerator.

hat's what you *get* . . . in the new 1949
Electric Combination.

ok for separate compartments, separate outside doors!



mpartment is a real home freezer,
it's separately refrigerated, insulated all
and has its own *outside* door.

home freezer, because it maintains *zero*
ature—for quick-freezing foods and ice cubes
ing up to 70 pounds of frozen foods (ten-cu-
l) or 52 pounds (eight-cu-ft model).

home freezer, because its zero tempera-
ps frozen foods in prime condition for as
12 months—four full seasons!

is what to look for. This is what you *get.* in
Refrigerator-Home Freezer Combination.



wer compartment alone (either 8- or 10-cu-
del) there is fresh-food storage space equivalent
at in the conventional 8- or 10-cu-ft refrigerator.

is the very last word in a spacious fresh-food



refrigerator. Separately refrigerated, separately insulated, and with its own outside door!

It never needs defrosting! Dishes need never be covered! Cold is moisture-conditioned. Big, deep drawers keep fruits and vegetables just right! The butter conditioner, easily accessible in door, keeps butter at proper temperature for easy, wasteless spreading!

NEW 1949 GENERAL ELECTRIC

Refrigerator—Home Freezer Combination

A separate refrigerator PLUS a separate home freezer.

You'll never forget . . . never regret . . .

the day you buy this General Electric Combination. For the name GENERAL ELECTRIC *means* dependability . . . dependability based on an unsurpassed record for year-after-year performance.

More than 2,000,000 General Electric Refrigerators have been in service 10 years or longer!

And the *chief* reason, of course, is the famous General Electric sealed-in refrigerating system. Airtight and oiltight, this dependable system has never been excelled for efficient, economical operation . . . year in, year out.

8- and 10-cubic-foot models

The General Electric Combination is available at your retailer's in both 8- and 10-cubic-foot models—one of them just right for *your* household. We think you'll agree they offer the *most* that's offered in a home refrigerator today. General Electric Company, Bridgeport 2, Connecticut.

More than 2 million G-E Refrigerators in use 10 years or longer

GENERAL ELECTRIC

Sunbeam
AUTOMATIC
MIXMASTER
REG. U. S. PAT. OFF.

has all these advantages

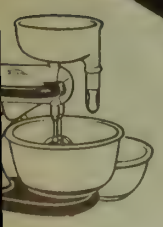
nly the new Sunbeam Mixmaster gives you all ese special advantages you want and deserve nen you buy a food mixer. So be sure the mixer u get (or the one you receive as a gift) is the iginal and the ONLY Mixmaster. There's only e by that name.

Famous
X-FINDER
DIAL

For Mother on Her day
MAY 8



e every-day
g speeds are
y indicated.
to-see,
to-set.



POWERFUL MOTOR

ented-governor
trolled motor de-
rs Full Power on all
eds. Beaters never
y their speed as
ter thins-out or
kens-up whether
Slow or Fast, for
N mixing.



The only juicer that automatically joggles the strainer to shake the juice out of the pulp. Fast. Easy-to-use. Easy-to-clean.



A nylon button on one of the beaters turns bowl automatically, keeping beater-speed and bowl-speed UNIFORM. You never need turn bowl or slow it down by hand.



Tilt the handle—out drop beaters individually, for easy cleaning. No pulling. No messy fingers.



MIXMASTER puts that *extra* deliciousness, *extra* success into every recipe. Over five million enthusiastic users are its best advertisements. Though tremendous popularity has made Sunbeam Mixmasters scarce, despite constantly growing production—*hold to your purpose* and be richly rewarded. See your dealer.

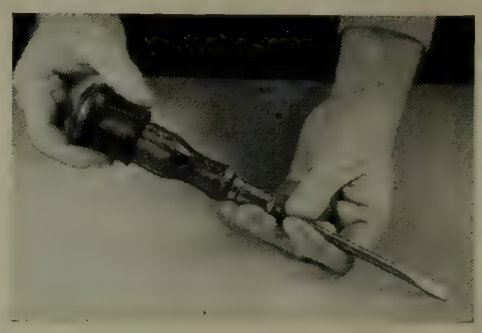
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Canada: 321 Weston Rd., So. Toronto 9

for Sunbeam TOASTER, IRONMASTER, COFFEEMASTER, SHAVEMASTER

How-to for the handy man

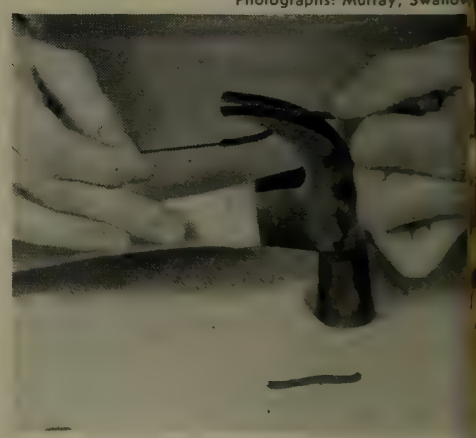


Spotting cord break. If a motor fails and you can't find the trouble, there may be an invisible break in the wire. With the motor turned on, grasp consecutive parts of cord as shown and push together. If motor starts momentarily, you have found a break that needs splicing. Or better still, replace cord.



Handy crutch tip. Doe your screwdriver blister you palm when you drive larg screws? Fit a rubber crutch tip over the handle, and th job will be easier. You ca also use a crutch tip to pro tect the handle of a chisel

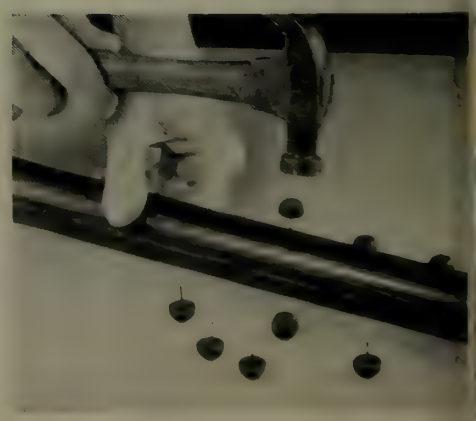
Photographs: Murray, Swallow



Stripping a wire. There is an easy way to strip rubber insulation from an electric wire without damaging the wire itself. Use the claws of a hammer, as pictured, instead of a pocket knife. But don't try to remove too much insulation at one bite. A two-inch section is enough.



Spatter stopper. When you hammer the lid of a paint can for an airtight fit, you may spatter paint all over the room. The ounce of prevention—a cloth placed over lid and can to block the spatter. Before painting, punch a few nail holes in the can groove and paint will drip back into the can.



To space hangers. Do your clothes bunch up on their closet rods? To keep them evenly separated, put rubber-headed tacks into the rod at regular intervals, to space hangers. Clothes stay neat, come out easily.

More on page 25



Crisco—The One and Only—Discovered this Better Baking Secret!

CRISCO CARAMEL CAKE

(Makes two 9" layers)

Follow directions carefully, be sure to use Crisco, and we promise you a lighter, richer, moister, more tender cake. The Crisco Cake Method is different—that's why it's sure-fire!

All Measurements Level: Measure into bowl:

2½ cups sifted cake flour
1⅔ cups sugar
⅔ cup Crisco
1 teaspoon salt
¾ cup milk

Blend by hand or with mixer (medium speed) for 2 minutes. Stir in:

4½ teaspoons double-acting baking powder*

Now add:

½ cup milk • 5 egg whites • 1 teaspoon vanilla

Blend by hand or with mixer (medium speed) for 2 minutes. Pour into two *deep* 9" layer pans (at least 1½" deep) which have been rubbed with Crisco and lined with heavy waxed paper. (For smaller or shallower pans, fill half full and bake remaining batter in cup cakes.) Bake in moderate oven (360°F.) 35-40 minutes. When cool, ice with Caramel Icing or the family's favorite icing.

**With single-acting baking powder use 5½ teaspoons.*

CREAMY CARAMEL ICING

2 cups brown sugar
1 tablespoon Crisco
1 tablespoon corn syrup
½ cup milk
⅓ cup Crisco
2½ cups sifted confectioners sugar
4 tablespoons hot milk
1 teaspoon vanilla

Boil first four ingredients to 235°F. (or when soft ball forms in cold water). Combine Crisco, confectioners sugar, vanilla and milk; beat until smooth. Pour hot syrup over Crisco mixture. Beat until thick and creamy.

NEW! BIGGER! BETTER! CRISCO COOK BOOK. Just out, gives you 161 exciting new recipes, lots of full-color picture pages. Send 25¢ in coin and a Crisco label, any size, for *New Recipes for Good Eating*. Mail to Crisco, Dept. BG, Box 837, Cincinnati 1, Ohio. Offer good in continental U. S. and Hawaii.

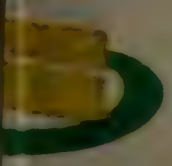
; lighter! It's richer! It's made with Crisco!

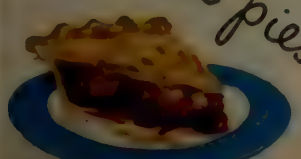
Wouldn't you like to be sure that every cake you bake will turn out fluffy-light, dreamy-creamy rich—just *perfect?* Then bake the Crisco way!

Why? Because pure, all-vegetable Crisco has a baking secret you find in no other type of shortening. And Crisco's famous Success Cake Method (given above and on your Crisco label) is built around that secret. Result? A lighter, richer, moister, more tender cake than you'll get with any other type of shortening or ordinary recipe!

It's so easy, too! A Crisco Success cake takes only 4 minutes to mix. There's no creaming; no long, tiresome beating. Just sure results—extra-delicious, fine-textured cakes every single time!

True—creamy Crisco will improve any cake, any recipe, even Grandmother's favorite! But Crisco *plus* the Crisco Success Cake Method means extra goodness, sure success! Try a Crisco cake. Discover one more wonderful reason why more women cook with Crisco than any other vegetable shortening!





cakes and pies and tasty fries



use CRISCO

IT'S DIGESTIBLE!



HERE'S WHAT YOU SPEND... ABOUT 1½¢ A NIGHT

HERE'S WHAT YOU GET... BEAUTYREST COMFORT!

A mattress is a big, IMPORTANT purchase! You want to get *full*, honest-to-goodness value. d you'll discover there's no better value than *autyrest* at *any* price!

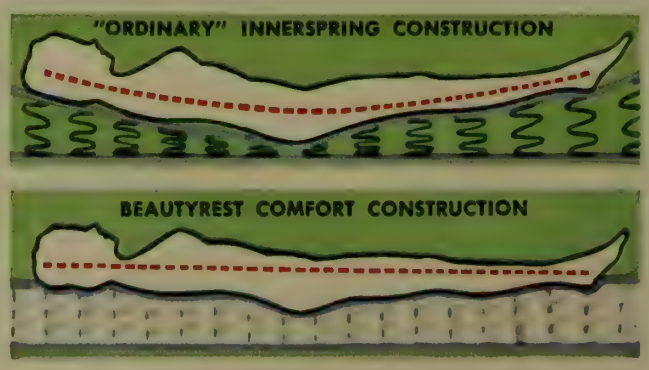
You get *luxury rest*—the healthful, deeply refresh- rest Beautyrest is famous for! *And* you get unbeatable mattress quality.

How about that 1½¢? Here's how it works out. The price is $59.50, and it's guaranteed for 10 years. Do some simple arithmetic. Out comes the answer—only about a penny and a half a night!

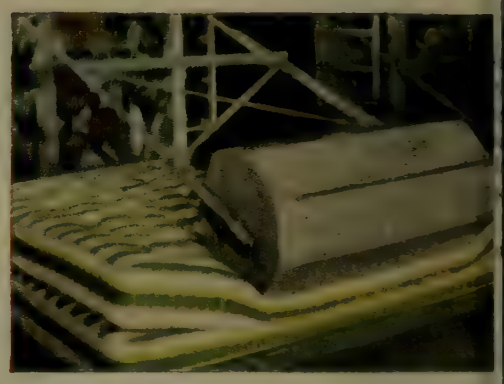
Get your money's worth—your *Beautyrest*—today!



Water-glass test shows why Beautyrest is que and better! Every Beautyrest coil spring is *ividually pocketed*. Each spring acts *independ-ly*. That's why water glass stays steady, even en surrounding springs are pressed down.



3. More evidence that Beautyrest gives you more comfort! "Ordinary" mattress springs are tied together. Springs pull each other down, causing *sag*. But those 837 Beautyrest springs are *not* tied together—can't sag, *always* give *luxury rest!*



275-lb. mattress-mauler pounds Bea "torture" test conducted by United Stat Co. Laboratories. Beautyrest took 740 poundings than any other mattress tested- *twice as long* as the next best mattress t



Beautyrest defies edge-of-bed sitters! border and no-sag edges protect that trim shape for the life of the mattress! Coils a to the mattress' edge, giving you mid-mat fort right out to the edges! 8 ventilators.

Only SIMMONS makes BEAUTYREST*

ALSO FROM THE HOUSE OF SIMMONS—the greatest name in bedding: Hide-A-Bed—the sofa that doubles as an "extra bedroom." Electronic Blanket—a new defense against co Deepsleep mattress—a fine Simmons mattress at a lower price. Babybeauty crib mattress—made to doctors' specifications. Ace Spring—the modern spring for the modern matt

DE-MARK REG. U. S. PAT. OFF. COPR. 1949 BY SIMMONS CO., MDSE MART, CHICAGO, ILL.

ow-to for the handy man *Begins on page 22*



utlet finder. When you to plug an electric cord o a dimly lighted outlet, metimes the prongs just n't line up right. You can oid this irritation by filing lat spot on the top of each your plugs. Then you can l when plug is in position.



Stops saw binding. When you make long saw cuts you may find the saw blade binding and jamming, especially in damp or green wood. You can overcome this difficulty by inserting the blade of a table knife in the saw cut.



ashlight holder. Often, en you are using a flashht, you need to have both nds free. A funnel and a ber band are all you d to make a holder that you set the flashlight at nost any angle you want.



Halts faucet leak. For use in an emergency, the small pads used for removing corns make satisfactory packing for the spindle of a water faucet. These pads usually fit inside the packing nut, and the material is pliable enough to control leakage.



o slip, no mess. A paint n placed on top of a stepdder is all too likely to de off when you least ex- t it. A good device to ld the can in place is a -cent pie tin, attached to e ladder with a single thead screw. You can use e handy tin to hold nails, rews, and small tools, too.

A GRAPEFRUIT TREAT *from a* FLORIDA COOKBOOK!



So DELICIOUS... So EASY...WITH LUSCIOUS CANNED
FLORIDA GRAPEFRUIT SECTIONS

From Florida, home of golden sunshine and prize citrus fruits, come these delicious Canned Grapefruit Sections – brimming with juice, sunripe flavor, *and* the vitamin C you need every day!

Ready to enjoy just "as is." A tempting treat, too, served with a Florida flourish like this luscious Miami Grapefruit Mold . . . cool and shimmering on crisp salad greens. Here's all there is to it!

MIAMI GRAPEFRUIT SALAD MOLD

2 No. 2 cans Florida grapefruit sections
Canned grapefruit juice
2 envelopes unflavored gelatine
½ cup sugar
¼ teaspoon salt
Strawberries, cream cheese, salad greens

Drain grapefruit sections; measure syrup and add enough grapefruit juice to make 3½ cups. Soften gelatine in 1 cup of the liquid. Heat remaining liquid. Add softened gelatine, sugar, and salt; stir until dissolved. Chill until slightly thickened. Fold in 2 cups grapefruit sections. Turn into 1¼-quart mold, or individual molds; chill until firm. Unmold and garnish with remaining grapefruit sections, strawberries, cream cheese balls, and salad greens. YIELD: 8 to 10 servings.

FLORIDA CITRUS COMMISSION
LAKELAND, FLORIDA

Try Florida Canned Citrus Salad, Too!

Yes—here's another "serve-in-a-second" Florida treat . . . mixed Florida grapefruit and orange sections. Try them—*today!*





FROM NATURE'S TREASURE CHEST OF HEALTH AND SUNSHINE

FLORIDA GRAPEFRUIT SECTIONS

s distinctive styling goes
r beyond just pleasing
e eye. Here's design that
ows naturally from ad-
anced engineering . . . to
form to function . . .
offer you a great New
ymouth that, inside and
ut, is better in every way!

Beauty with Reason

That sweeping, new low silhouette is something to see. And this is beauty with a reason. It helps give you a great new car that's easier to use in all ways. It's easy to start—easy to stop—easy to drive—easy to put in the garage—easy to park—easy to service—easy to see out of—easy to get in and out of.

Beauty for Comfort

The beautiful new interior styling is even better than it looks. The famous chair-height seats are now even wider. There's plenty of room for long legs and high hats. Windows lift and lower easier. Diagonally mounted rear shock absorbers resist side-sway. Famous Air Pillow Ride is smoother than ever!

Beauty for Convenience

There's no starter button or pedal in the New Plymouth. You just turn the ignition key—and the engine starts! The handsome new instrument panel has everything where you want it. Fenders flow into the body but they're separate and detachable—and it doesn't cost a fortune to repair them!

Beauty for Safety

The greatly increased
area in the New Plymc
nice to look at from th
side. But it's there t
out of from the inside.
windshield and rear w
are larger. The entire
designed to give the d
clear, undistorted vi
the road in all direct
day and night—rain or

Just your style!



Special De Luxe 4-Door Sedan with Longer 118" Wheelbase

the great new Plymouth

or More Safety

New body construction makes
he New Plymouth a sturdier,
afer car. Frame and body
re 23% more rigid. The New
lymouth has a lower center
f gravity. It hugs the road
etter. And this car handles
ith such amazing ease that
ou can drive it for many
ours and still feel fresh.

Beauty for Performance

Under the curving new low hood of the New Plymouth there's a livelier, more powerful, more efficient engine. This is the result of a newly designed cylinder head, increased compression ratio and a new intake manifold. New chrome compression ring gives even longer engine life.

Beauty for Value

To see how new car beauty helps make a better new car—see your Plymouth dealer now! You'll find that this great Plymouth—more than any of the great Plymouths before it—is the low-priced car most like high-priced cars—the greatest dollar-for-dollar car value your money can buy!

NOW there's more difference than ever in low-priced cars—and the great New Plymouth makes the difference. See this new car at your Plymouth dealer's now.



PLYMOUTH Division of CHRYSLER CORPORATION, Detroit 31, Michigan

HAVE YOU HEARD?

the latest in garden news reported by Dr. R. Milton Carleton



ush killer saves chopping

At last there's a muscle-saver that lets you kill weed trees and clear off brushy land without breaking your back over a grubbing hoe and ax. Chemists know it as a combination of 2,4-D and 2,4,5-T (this latter I described in *Better Homes & Gardens* in February 1945.) Now as a brush killer, you can get it already mixed and ready for use. You apply it just above the base of the trunk or stems. Even the toughest specimens, the ones formerly resistant to straight 2,4-D, succumb to this mixture in a hurry. One exception is Japanese honeysuckle which is killed more quickly with the ester forms of straight 2,4-D. Read the label on your package, to make certain which you're getting when you buy a weed killer.

w fast do trees grow?

Popular misconceptions of the rate of growth of trees are hard to kill. In a recent bulletin of the famous Morton Arboretum in Illinois, I observed that the silver maple, often planted because it is supposed to be fast-growing, actually made less growth over a 10-year period than did American, Chinese or Moline elms, thornless honeylocusts, sycamores, and little-leaf lindens, all far more desirable trees. The sycamore, planted as a 6-foot specimen, grows fastest of all, nearly 35 feet in 10 years.

lordane deadly to beetles

If the Japanese beetle is your biggest garden problem, you'll be glad to hear that Chlordane, a relatively new insecticide, has proved 600 times as toxic to this pest as arsenate of lead, and 10 times as deadly as DDT. Ten pounds of actual Chlordane to the acre (i.e., 100 pounds of 10 percent dust) has given 98 percent control, about the best record of any material to date.

vender-blue—two new mums

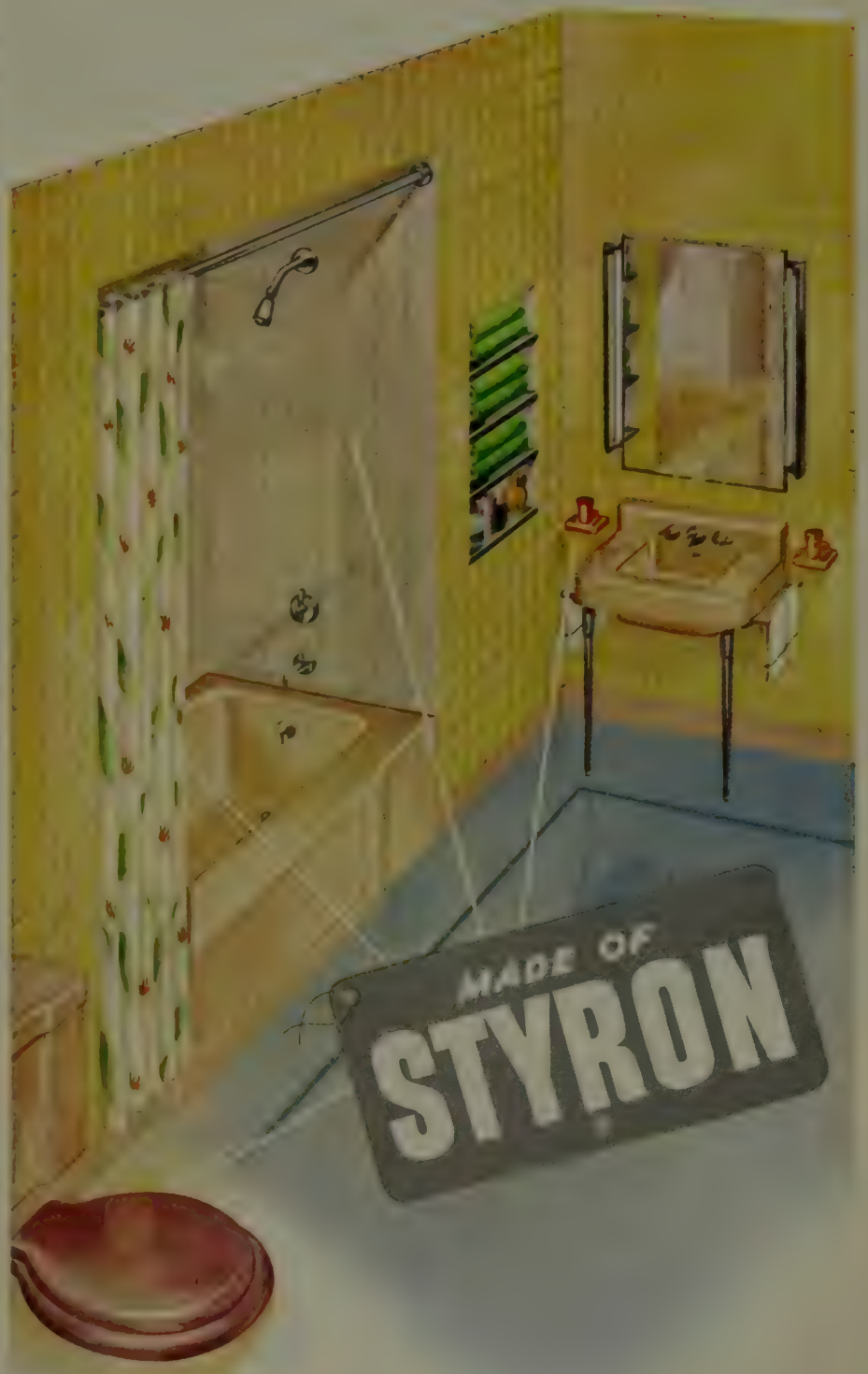
Two outstanding new garden chrysanthemums, extra-hardy and distinct, are Violet and Silver Pink. Both come from Minnesota where they bloom at the end of August. Not over 2 feet tall, they're great for cutting as well as outdoor display.

od cherries do grow on bushes

Also from Minnesota, you can get a good bush cherry. Order *Prunus tomentosum* No. 57. After several years it may get to be 10 feet tall. But it's good purely as an ornamental. Besides that you get loads of fruit, almost as good as the best of the sour cherries, and three weeks later, so the cherry-pie season is stretched.

[*Turn to page 250*

the room
for improvement
needs **WALL TILE**
like this!



Here is smart new beauty that puts a decorator glint in any woman's eye! In a captivating array of lush new colors, wall tile and toilet seats made of Styron (Dow Polystyrene) provide a new measure of luxurious beauty and convenience. For Styron bathroom beauty is so easy to install, resists moisture, won't warp or shrink . . . and those glistening colors can't chip or peel because they're molded right into this famous plastic. ☆ If you're building or remodeling, be sure to ask your dealer for wall tile and toilet seats made of Styron.

DOW
plastics

Plastics Division WT-4 • THE DOW CHEMICAL COMPANY • MIDLAND, MICHIGAN



New tips on kitchen decoration

To transform your kitchen into a glorious "garden of color," for just a few pennies—choose from new Royledge Shelving patterns sparkling with rich reds, golden yellows, heavenly blues. Scatter that glorious Royledge color on all kitchen shelves—cupboards, closets, open shelves. You'll love your "new" color-bright kitchen! Get doubl-edge Royledge Shelving at 5-and-10's, neighborhood, hardware, dept. stores.

STARTING APRIL 22, see Royledge Carnival of New Spring Patterns at 5 & 10's, naborhood, hardware, dept. stores

Royledge

Shelving Paper and Edging all-in-one



9-FT. PKGS.

Royal Lace Paper Works, (Inc.), Brooklyn 1, N. Y.

Trade Mark "Royledge" Reg. U. S. Pat. Off.



Pattern above—"SALAD BOWL." Below—"FIGURINE" In top picture—"DUTCH TILE."

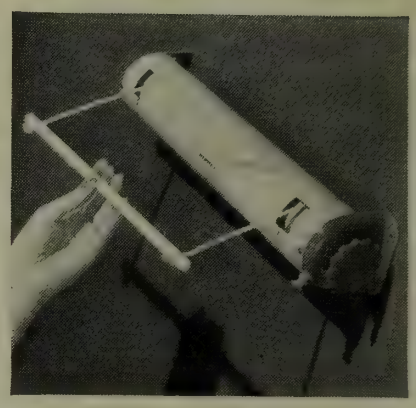


It's NEWS to Me!

By Gretchen King



A bag of tricks is this hands traveling case with a handle doubles as a pressing iron. bag is airplane-type luggage variety of colors and trims. handle is attached to an alumi plate which is wired for either or DC and to which is attach 6-foot electric cord that thr through an opening into the A strong metal button inside case releases the iron. *Iro-* 21″ size, $29.95 plus tax, in s only. Janis Corp., Manche New Hampshire.



Retractable clothesline in minum housing pulls out for us washday; retracts out of the between usings. Lines are atta to rod that fastens into bracke opposite wall or post. When l dry is removed, lines roll th selves up untangled onto spring-action core inside the h ing. Model shown is *Sunmaste* with two 20-foot cotton lines indoor use; $4.95. *Sunmaster Sr* two 55-foot wire lines; can b tached to house or garage; le the back yard free for play a $24.95. In stores or ppd. Sunma Company, Inc., 921 Rayner Memphis, Tennessee.



A mousetrap that catches instead of your fingers is hea sent to us cautious souls who more afraid of the trap than o mouse. This trap is set with a plate located behind the jaws o trap. When a mouse is caught, empty the trap also by depres the lever; you don't have to t the mouse. Trap is all metal, to clean. *Trip-Trap*, 39c, in s only. Gerity-Michigan Corp., rian, Michigan.



Frozen-food containers of alu num foil freeze quickly, save sp can be used to heat food for s ing. The wide top facilitates fil heat-sealing is unnecessary. foil takes grease pencil markin gummed labels. Covers are cessed to allow firm stacking i freezer. *Traypaks* are packed 25 carton, complete with lids closing device. Pints, $1.56 a ton; quarts, $2.67; in store locker plants. Reynolds M Company, Richmond, Virgini



A ruler designed especially home seamstresses is marked slit so you may mark bias stri varying widths, measure but holes, or mark a line for stitc on a garment where the sew machine guide can't reach. ruler is transparent Vinylite pl with slits marked in five diffe widths from $\frac{1}{2}$″ up to $1\frac{1}{2}$″. *S E Ruler*, $1, in stores only. Sew Products Company, Box 1 Cincinnati, Ohio.



THE FINEST MATTRESS EVER MADE is among those things that really contribute to the entire family's comfort. It is the amazing new U. S. Koylon Foam mattress, of naturally resilient latex, whipped into millions of bubbles of air and baked in one piece. Here is air-borne upthrust that equalizes body pressure and makes complete relaxation so much easier. What could be a greater extravagance than losing sleep . . . a greater economy than saving it?

Immaculately Clean—Koylon is made from pure new natural latex. Odorless because each mattress passes through seven purifying baths.

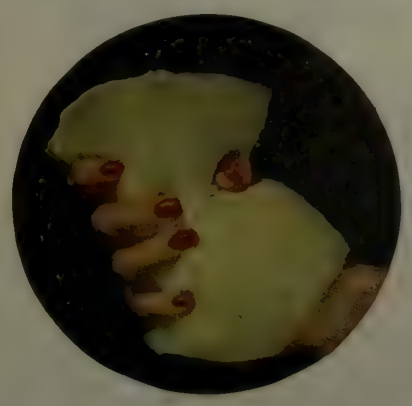
Spring without springs—Koylon responds to the slightest touch, springs back into shape and holds its shape without bulging or sagging.

Self-ventilating—Air circulates through Koylon's interconnecting cells; it breathes and ventilates itself.

Beautiful Decorator Damask—Designed and especially woven for Koylon mattress covers; soft and supple so it will not impair Koylon's luxurious feel.

AND FURNITURE TOO!

Luxury-cushioned Koylon Furniture now widely available. Enjoy Koylon comfort *throughout* your home. Live well!



Koylon Foam Mattress 79.50 to 99.50
Matching Foundation 59.50 and 64.50
Pillow 11.95

U.S. Koylon® FOAM

UNITED STATES RUBBER COMPANY ❖ *Serving Through Science*



'S BALANCED—with pure-pork AM for protein, bread for cereal, tter for fat; green and yellow getables . . . and Candied Apple mbining fruit and sweet, made e this: **STIR** together and heat cup sugar, ¼ cup light corn syrup, tbsp. water • **ADD** few drops pepermint (or other) flavoring, few drops red coloring • Boil to "hard-crack" stage • Set pan over boiling water • Dip washed and skewered apples into syrup quickly, remove and whirl until coating is even and smooth • Stand on greased plate to cool • Makes 4.



N ON A BUN. On toasted bun halves, lay AM slices and a slice of cheese. Slip under broiler till SPAM browns and the cheese s bubbly hot. Because SPAM is super, so his sandwich.



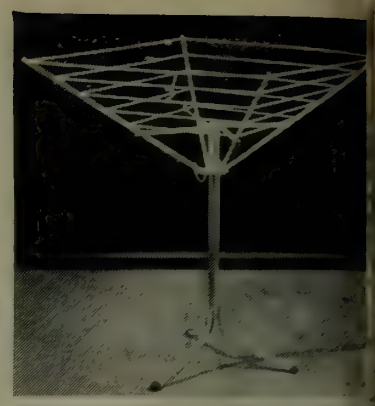
HUSBAND HOME for lunch? Please him with a baked bean SPAMwich—juicy slices of SPAM and hot baked beans on a buttered bun. Peach and cottage cheese salad. A he-man's meal in 5 minutes.



SPAM is a registered trademark for a pure pork product, packed only in 12 oz. cans by Geo. A. Hormel & Co., Austin, Minn.

It's NEWS to me!

Begins on page 28



Indoor dryer holds 50 feet of line in a 36-inch square. Arms fold for storage, without dislodging the line. All aluminum, the dryer is 40″ high, perfectly balanced even when loaded. Legs are rubber-tipped to prevent marking the floor, or slipping. *Falco Indoor Drier* is $4.95, in stores only. Falco Products Co., Dept C, 1838 N. 20th St., Philadelphia 21, Pennsylvania.



Table-top refrigerator fits right into line along with other cabinets in your kitchen, gives you 600 square inches of additional work-table area. Ventilator at the back allows free circulation of air. White enamel unit with cabinet top of linoleum, plastic, maple, or stainless steel, stands 36″ high. Top is 27″ wide, 25″ deep. *Glasco Table-top Refrigerator*, about $200, at dealers. Glascock Brothers Manufacturing Co., Muncie, Indiana.



Dry mop of colorful cotton yarns picks up and holds dust and dirt. Outer fringe spreads to pick up even paper scraps or grit. As mop is lifted, fringe swings inward, trapping the dirt. A whirling motion cleans the mop head quickly. When head needs laundering, tape with fringe slips off the frame. *Vacuum Action Dry Mop* is in stores only at about $2.40. Easy Day Manufacturing Co., 164 Broadway, Revere 51, Massachusetts.

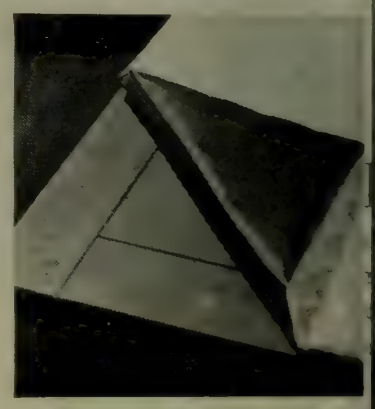
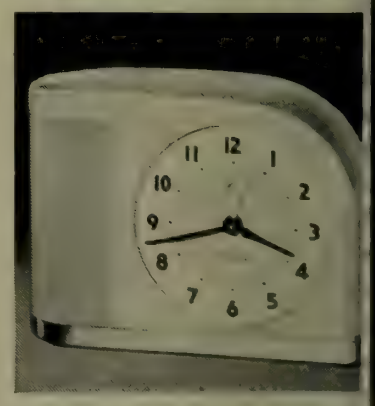


Table protector is made of Fiberglas to give ultimate insurance against heat damage and scorching of fine wood finishes. Plastic coating of the pad is liquid-proof. Soft quilted design deadens the clatter of silver and china. *Permapad Table Protector* is light to handle, folds to a small package. With white, maroon, or green backing, and white quilting, *Permapad* is 36″x48″, $12.95; 40″x60″, $18.95; 44″x72″, $24.95. In stores. Place mats, 11″x17″, $1.69 each. Stanley Manufacturing Co., 747 Santa Fe Dr., Denver 4, Colorado.



An alarm clock needn't scare you to death to wake you up (it says here). The *Moonbeam* tries an easy-on-the-nerves way first, by flashing a light on and off through its translucent case. If you sleep through that, the clock starts jangling in the conventional manner. *Moonbeam* is a self-starting electric alarm, 8″ long, housed in white plastic with gold metal base. In stores only, $9.95 plus tax. Westclox, La Salle, Illinois.



Bobbins for your yarn are light-as-a-bubble plastic. Yarn is wound between discs, as you wind a sewing machine bobbin. Ridges prevent unwinding yet release yarn readily at a slight pull. There's no chance of snagging your yarn during winding or knitting. Round bobbins minimize yarn tangling, and you can always see your yarn supply through the clear plastic. Set of 10 bobbins, $1, in stores only. Rawly's Toys, 102 Clay St., San Francisco 11, California.



This inviting room was once a wasted basement

TODAY, it's practical to transform wasted basement space into a livable room, thanks to a wonderful flooring material—Armstrong's Asphalt Tile. This modern flooring solves the old problem of what to do about the dusty, drab concrete basement floor.

Armstrong's Asphalt Tile is not affected by the alkaline moisture that's always present to some degree on concrete in direct contact with the ground. It will keep its colorful beauty for many years. Dust and dirt can be swept up without a bit of effort.

A floor of Armstrong's Asphalt Tile can help to set the decorative scheme of your basement room, too. The beautiful colors can be combined in an almost endless variety of designs, since this floor is laid tile by tile. The design of your floor can be as original as you would like it to be. The colors of Armstrong's Asphalt Tile have been styled to harmonize with the furnishings in any room.

You won't need to pamper this floor, because Armstrong's Asphalt Tile is durable. It has proved itself for years in busy stores and office buildings. Dance on it, slide furniture around, the bright colors won't wear off—they go all the way through the material. Spilled beverages won't harm it. Even cigarette burns can be removed without leaving a trace. Occasional washing and waxing will keep a floor of Armstrong's Asphalt Tile looking like new.

Best of all, Armstrong's Asphalt Tile is a low-cost floor. Ask your Armstrong flooring merchant for a free estimate. He will gladly show you how inexpensive it is to enjoy all the luxury features of this floor in your own basement. He also can help you work out a distinctive floor design to go with your own ideas for a basement room. Whether it's for recreation or utility use, you need a practical floor of Armstrong's Asphalt Tile.



SEE HOW THIS BASEMENT has been transformed! Now it's a delightful party room or extra guest room with a painted "vista" that gives it a light, airy atmosphere. The practical floor of Armstrong's Asphalt Tile makes cleaning easy—adds bright color. The random design combines Cinnabar, Pearl Gray, and Tan Marble. Floor plan and details of furnishings for this basement room will be sent free on request.

Free! New Twenty-Four Page Book— "How to Plan Smart Basement Rooms." Contains many beautiful full-color illustrations, diagram drawings, and decorating ideas for basement rooms. Write to Armstrong Cork Co., Floor Div., 4905 Spencer Ave., Lancaster, Pa.



ARMSTRONG'S ASPHALT TILE

The low-cost floor with the luxury look

MADE BY THE MAKERS OF ARMSTRONG'S LINOLEUM AND ARMSTRONG'S QUAKER RUGS

A new idea in furniture...

to change your "some day" to "now"



KEY-ARM LAWSON SOFA, mated with low, barrel-back chair . . . *covered to your order.* Coffee table copied from a Chinese chow table adds a far-Eastern accent to traditional rooms. Book table has adjustable shelf.

YOU MAY HAVE whispered it years ago, or said it wistfully only yesterday, "I wish we could afford really *fine* furniture. Maybe, some day . . ."

From now on, you needn't put off that wish till "some day." Perhaps you *can* afford the furniture you want—*today!*

That's because the makers of Heritage-Henredon designs had a wonderful idea!

Their plan was to construct pieces with the flawless proportions, the inspired craftsmanship of individual custom designs—yet to produce them by skillful new methods that would permit prices way below custom levels. And that plan is now at work!

You'll love the way Heritage-Henredon has translated the charm of 18th Century styling into contemporary living. You'll marvel at the *completeness* of the line.

And you who appreciate fine woods will instantly recognize the superior materials that go into this furniture. Genuine mahogany, carefully selected. Exquisite inlays, lavishly hand-rubbed.

Truly, Heritage-Henredon designs *are* lovely . . . created for today, built to last through *many* tomorrows. Yet, prices—though not in the "budget furniture" class—are *far below* what you'd expect to pay.

Beginning now, plan your home around Heritage-Henredon designs. Buy one piece today, more later on. Let your dreams of fine furniture *keep on* coming true!

Look for the proud Heritage-Henredon hallmark, at better furniture and department stores.

Heritage Henredon *fine furniture*

CUSTOM QUALITY at PRACTICAL PRICES

NOTE THE INTRICATE OPENWORK in this Sheraton bed. Double commode has liberal drawer space (middle tier takes a man's shirts). Deep, comfortable lounge chair. Bedside table, for lamp, radio, and books.



Fascinating booklet, 25¢
"A New Idea in Furniture"
Write Dept. BHG,
Heritage-Henredon,
Morganton, N. C.

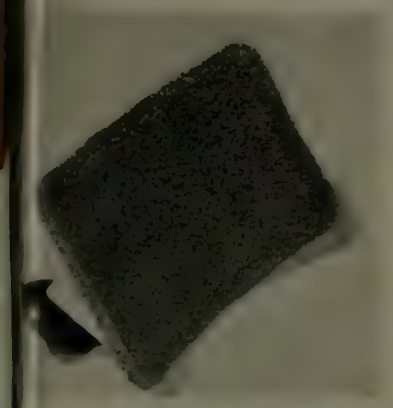
HERITAGE-HENREDON . . . FACTORIES AT MORGANTON, MOCKSVILLE & HIGH POINT, N. C.

. . . NEWS to me!

Continued from page 30



Point guards for knitting needles hold the stitches on the needles while you measure your knitting or when you aren't working on it. The guards look like little hats in bright colors, are lined with rubber so slight pressure is required to place the guards and they can't be easily dislodged. A pair of *Hero Sombrero Point Guards* is 25c in stores only. Hero Manufacturing Co., Inc., Middleboro, Massachusetts.



A headrest for bathtub loungers is padded with sponge rubber for real relaxation. The headrest is backed with two rubber suction cups to stick it to the tub surface. Since the sponge rubber pad is raised about 2″ above the cups, your back hair stays dry and you can read or relax in the comfort of warm water right up to your neck. *Tub Rest* is $1.25 in stores or ppd. from Wallace-Davis Manufacturing Co., 2813 Dixwell Ave., Hamden 14, Connecticut.



Venetian blind operates without cords. You raise or lower blind just as you do a window sash. Slats tilt to desired angle, open flat, or close completely with a touch. Special device keeps slats level; grooves at the sides of the window prevent flapping of blind. Both slats and tapes are removable for cleaning and are available in a wide variety of colors and materials to fit into your decorating plans. Prices start at approximately $7.50 for blind 27″x54″. The Cordless Blind Company, 5605 Herman Ave., Cleveland 2, Ohio.



Lighter with transparent fuel chamber keeps you posted on your fuel supply. If you've ever spent an evening lighting cigarettes from a candle stub, you know how maddening it is to run out of fluid unexpectedly. Wick chamber is filled by turning lighter upside down and pressing the tiny button behind the wick. *Ritepoint Lter* is crystal, topaz, ruby, or emerald transparent plastic; $3.75, in stores only. Ritepoint Co., 4350 S. Kingshighway Blvd., St. Louis 9, Missouri.



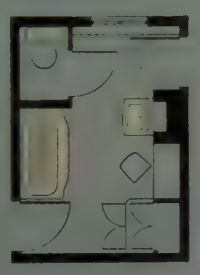
Organizer for the bathroom cabinet holds tubes of shaving cream or tooth paste, curlers, razor blades, other small items in one spot where they don't get lost behind bigger articles. Tray is highly polished aluminum. Extension arms on each end secure the tray inside cabinet without nails or screws where it's handiest. Fits cabinets from 12″ to 16″ wide. *Modernwise Cabinet Inset*, $2.79, in stores or ppd. The Modernwise Cabinet Co., 5405 4th St., N.W., Washington 11, D. C.

News not pictured

erix Anti-Static is a colorless, orless liquid to be applied to to seat covers, rugs, furniture, or herever static electricity is gen-ated. During winter, unpleasant ctric shocks kept our nerves rag-d until we used this product on most everything around us. Then e shocks were kept to a minimum, en when wool clothes were worn. Wipe *Anti-Static* on with a cloth. It dries in a few minutes and lasts indefinitely. Applied to plastic articles such as telephones, the liquid keeps away that heavy coating of dust that is also a result of static electricity. *Merix Anti-Static* is $1 a pint, in stores or $1.25 ppd. Merix Chemical Company, 1021 E. 55th St., Chicago 15, Illinois.



Briggs exclusive Safety-Bottom bathtub—the sign of quality first, last, *always!*



Southern exposure!

Sunshiny as June . . . fresh and inviting all year round! That's the first thing you notice in this magnolia-splashed bathroom with its shuttered doors . . . its hand-stenciled "grillwork" around mirror and make-believe balcony. But the *really* noteworthy feature in this—or any modern bath—is Briggs Beautyware! For these quality-first Briggs plumbing fixtures are world famous for their *permanent beauty!* Styled-to-save-space . . . glistening smooth . . . they have the added distinction of coming *only* in stainproof porcelain enamel plus the finest tarnishproof chromium-plated fittings. Yet they cost no more than ordinary fixtures! See them at your local plumbing dealer's—today. Then for other easy-but-different decorating ideas, write for this booklet. It's free! Briggs Mfg. Co., 3007-e Miller Ave., Detroit 11, Mich.

BRIGGS *Beautyware*

PLUMBING FIXTURES

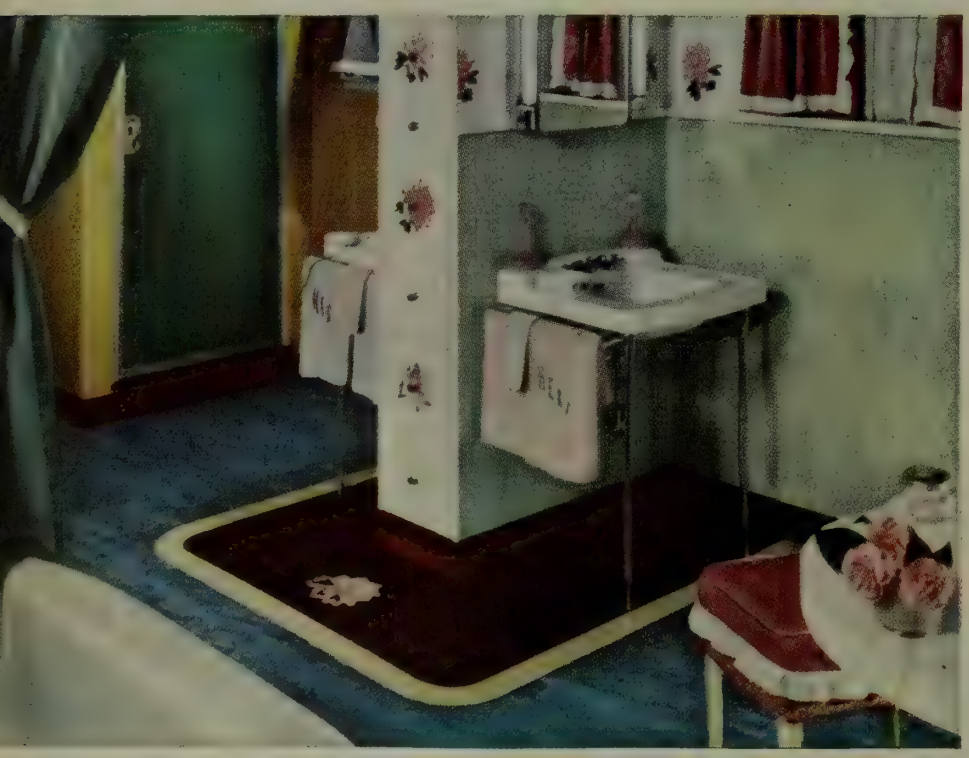


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ovely and welcoming in your hall . . . eek and beautiful in *any* room, Nairn laid Linoleum gives you a superlative or that's restful and resilient under- ot — wonderfully easy to care for!

Don't stop with the floor! For handsome walls that never need refinishing, the answer is Nairn Wall Linoleum . . . and for sink and counter tops, the finest covering is Nairn Linoleum.

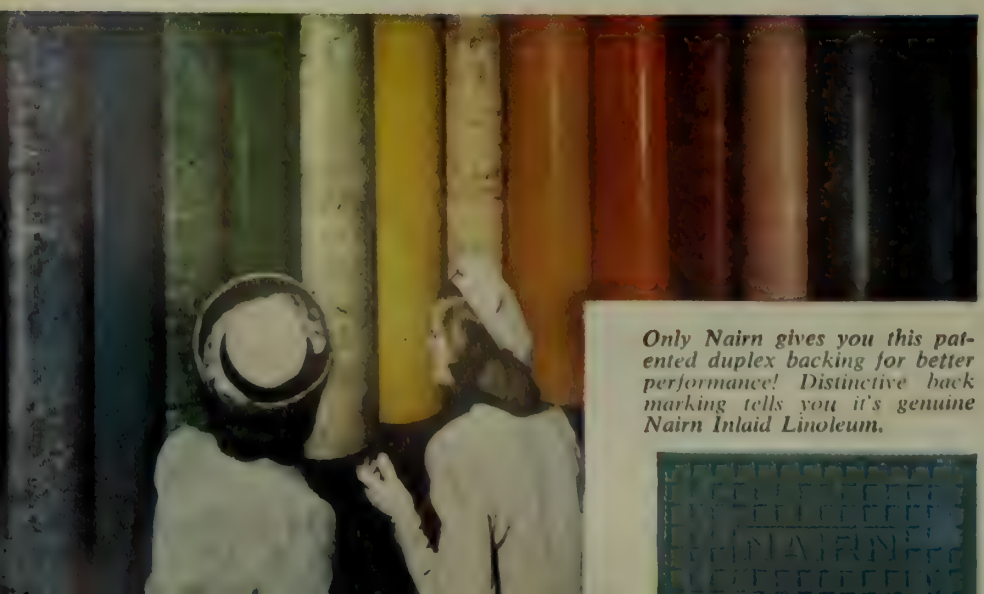


949 Congoleum-Nairn Inc.



"NAIRN" "CONGOLEUM," AND "CONGOWALL" ARE REGISTERED TRADEMARKS OF CONGOLEUM-N

Now! Nairn Inlaid Linoleum sweeps the



Only Nairn gives you this patented duplex backing for better performance! Distinctive back marking tells you it's genuine Nairn Inlaid Linoleum.

Here, at your feet, is the most beautiful linoleum of all, in the mo wonderful of colors. Choose your favorite rainbow tone — glowi red . . . sunlit green . . . deep-sea blue. In *any* color, Nairn's ri beauty shines out. For this is linoleum of matchless quality . . . matc less satisfaction. What's the secret? Nairn — and *only* Nairn — giv you resilient, super-smooth linoleum on a patented duplex felt bac ing. This exclusive backing ends your worries about the bucklir cracking, and blistering that often mar ordinary linoleums, wh the wood floors underneath expand and contract — as they norma do. It makes all the difference in looks and service. Be sure to s Nairn *first* when you're shopping for linoleum. It's genuine inla linoleum so *good* that Congoleum-Nairn — America's oldest lin leum makers today — guarantee satisfaction or your money bac

THE OLDEST LINOLEUM NAME IN AMERICA

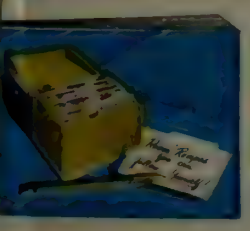
NAIRN

SATISFACTION GUARANTEED OR YOUR MONEY BACK

...rainbow... TO GIVE YOU EVERY COLOR YOU WANT!

● For lots more exciting decorating ideas, get your copy of "Room Recipes You Can Follow Yourself."

It's a 24-page book in brilliant full color showing all kinds of wonderful ways to brighten your home . . . lets you see how sleek and beautiful Nairn Inlaid Linoleum looks upstairs, downstairs, all through the house! Send 10¢ to Congoleum-Nairn Inc., Dept. 21, Kearny, N. J.





CONGOLEUM-NAIRN INC.

First with the finest floor and wall coverings

KEARNY, NEW JERSEY, MAKERS OF GUARANTEED FLOOR AND WALL COVERINGS: NAIRN LINOLEUM
NAIRN ASPHALT TILE · NAIRN SELF-POLISHING WAX · CONGOLEUM · CONGOWALL



NOW! LOWER FUEL COST THAN EVER BEFORE POSSIBLE

See it Today

Factory Trained Dealer nearest you is listed in classified phone book under "Oil Burners." Call him for expert installation and service.

WILLIAMS OIL-O-MATIC OIL BURNER

LOW PRESSURE—WITH EXCLUSIVE SEALED THRIFT UNIT

New-ALL NEW Fifty-Ten

Model

Bathroom storage

Wall-hugging rods and shelves hold extra linen

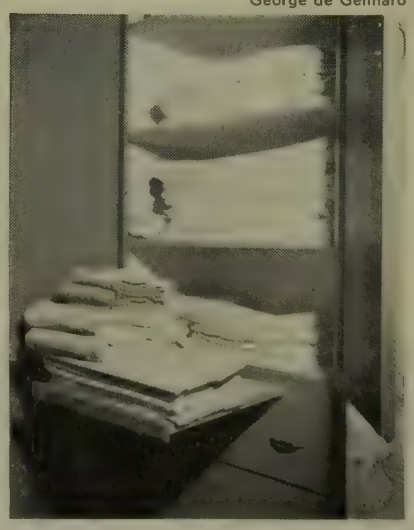
By Rosemary Gould

Photograph: Philip Fein



Put a bare bathroom wall to work with this combination of towel racks, cosmetic niches, and shallow storage drawers. The grid for the towels was made from wood strips 1⅛ inches square, mortised together. Niches and drawers were set between studs of the wall so they take no bathroom floor space. This sort of shelf-and-rod arrangement only takes a few inches of bathroom space. But the drawers and shelves are as deep as the wall is thick, plus the extra few inches that the towel grid extends from the face of the wall.

George de Gennaro



Get extra duty from a regular bathroom linen closet by adding a pull-out shelf to the line-up of drawers and shelves. A pull-out shelf like this will help you sort the family laundry as you put it away. The shelf is large enough to serve you as a handy bathroom table, too. When you're not using it, the shelf slides back into the closet.

THERMOSEAL ALUMINUM

COMBINATION SCREEN AND STORM SASH



...YEAR 'ROUND WEATHER PROTECTION with added comfort, convenience and safety

INSTANTLY AVAILABLE AS STORM SASH OR SCREEN—Just raise the storm panel when it's warm, lower it when it's cold.

YEAR 'ROUND, RAINPROOF, DRAFT-FREE, FILTERED-SCREEN VENTILATION—Simple fingertip adjustment, from inside, permits adequate, healthful ventilation in any season, in any weather. No sill drafts, no danger from sudden storms.

NOTHING TO CHANGE . . . NOTHING TO STORE—Thermoseal gives you screens, storm sash and weatherproofing in one permanently installed unit.

NEVER NEED REFITTING—Patented Thermolok* Closure Frame permanently weatherproofs window opening . . . adjusts automatically to expansion, contraction and settlement.

SOME OTHER YEAR 'ROUND ADVANTAGES—You'll have a cooler home in summer, a warmer home in winter. Window cleaning will be easier. Your home will be a cleaner, more healthful home. Excessive condensation and frosting will be controlled.

PAY FOR THEMSELVES BY SAVING UP TO ⅓ IN FUEL—Before you buy screens or storm sash, investigate Thermoseal. Send coupon for illustrated literature.

Thermoseal Division
THE F. C. RUSSELL COMPANY
DEPARTMENT 2-BA59
CLEVELAND 1, OHIO

World's Largest Manufacturer of Combination Windows

FCR — an F C Russell Co product

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THE F. C. RUSSELL COMPANY,
Department 2-BA59
Cleveland 1, Ohio

Gentlemen—Please send me illustrated literature on Thermoseal Combination Windows and name of nearest distributor.

Name.....

Address.....

City.....Zone....State....

I own my home ☐ I plan to build ☐

Kitchen storage

Shallow shelves add space for dishes, food

By Mary O'Day



Shelves for canned goods snugly against the kitchen w so they give you extra shelf r without cutting into floor sp Shelves are just wide enoug hold one or two cans. Small and spice boxes don't get lost hind each other.

Photographs: George de Ge



Shelves for vases, trays, and sized bowls can hug the wall, Tiny ledges on the front of shelf, and bars midway betw the shelves, keep the bowls sta ing safely upright. Both of t wall cabinets are about four in deep—shallow enough to fit i pint-size kitchen.

Does a Lady ever SLAM the DOOR ?

ne certainly does—especially if she's
t shopper looking at the new cars.

's no quicker, surer test for sound
eering in car body design — for
and honest construction — than
ound of a door closing.

it make a tinny "plink"? A
w "bong"? Or does it close against
the body with a firm "thud"—a solid, reassuring report of strength and safety?

Make such tests when you look the new cars over. Slam every door, look into each trunk, feel the upholstery and seats. When it's Body by Fisher—you'll be able to *hear* the difference, *feel* the difference, *see* the difference.



When you're "window" shopping—look for plate glass! *Not only those big sweep-back windshields but all glass areas in this magnificent new postwar Body by Fisher are made of safety plate glass. Not just because they are handsomer, stronger—but because you can see so much better, with no dangerous distortion. (P.S.—there's a generous increase in window-space for you to see out of, too!)*

Body by Fisher — BETTER THAN EVER !

On General Motors cars only: CHEVROLET · PONTIAC · OLDSMOBILE · BUICK · CADILLAC

AMERICAN-Standard

First in heating...first in plumbing



...a brand new oil-fired unit for small homes and individual apartm

Give next winter a warm welcome

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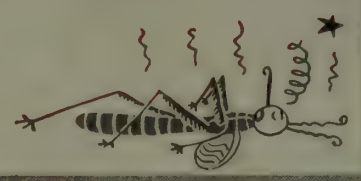


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Super new insecticide kills all that DDT will and a lot more too. But you can't buy it yet. Toxicologists aren't yet sure it won't kill you



Deadlier than DDT

By Dr. R. Milton Carleton

It is called parathion (para-Thigh-own). Name any common insect harmful to plants, indoors or out, and the chances are—with few exceptions—that parathion will destroy it, utterly.

American scientists found parathion's formula when they raided the I. G. Farben Corporation files in Germany after the war, under the code No. E 605. Formulated as one of a number of phosphorus combat poisons, it had failed, and wound up in the files as a possible future insecticide.

It has been used by many orchardists and by practically every greenhouse of any size in the United States and Canada for more than a year now, but you haven't heard much about it because the United States Department of Agriculture toxicologists have not yet approved it for vegetable growers or for you to use around home. There's still too little known about what it will do to you.

So potent is this new killer that it is creating problems all its own. In 1948 rose prices on the cut-flower market dropped several times, due to market gluts. These gluts were the direct result of the use of parathion by most big growers, so that many of them were cutting two to three times the number of perfect blooms they had been able to grow before. So much top-notch material reached the market that prices sagged.

I expect something of the same sort will happen in other fields as well. I suspect that apple production for 1949 will increase without much expansion in the number of trees of bearing age. The secret will be parathion, which can wipe out redspider mite, eggs and all, in one or two sprayings.

When released, it ought to be a boon to home fruit growers too, who have never been able to spray often or well enough to save a crop from worms. On apples, three applications of parathion with simple equipment promise complete control.

Unless some unforseen condition shows up it should be the perfect spray or dust for vegetables, since any application is usually dispelled within a week to 10 days, leaving no poisonous residue. I have seen a number of test plots sprayed with amazing success.

The best description I have heard of the power of parathion came from an orchardist: "This stuff is actually as good as the public thinks DDT is."

Just as the average man believes DDT can control any insect at any time, anywhere, parathion comes close to being able to do that. Last summer I saw two pear trees in an area where the pear psylla usually causes severe injury. One had been sprayed with parathion, the other left untreated. The sprayed tree was like a catalog illustration of a perfect pear—clean, healthy, and covered with dark green foliage. The unsprayed check was coated with the black, sticky substance characteristic of pear psylla, obviously in terrible shape.

Even more dramatic was an orchard all but abandoned by the owner the year before when eight sprayings a year failed to make a crop. This time he sprayed half his trees three times with parathion, the other half eight times with DDT. In spite of the eight sprayings, the DDT side was distressing to see—yellowing foliage, stunted fruit on the trees and the smell of decaying windfalls everywhere. The trees sprayed with parathion were so clean it was like coming into another country to walk among them. Here were dark green healthy leaves, and fruit like state fair exhibits. Except for a lonesome mud dauber gathering mud at a pool, I could see no sign of insect life in the parathion-treated side of the orchard.

Unlike DDT, parathion does not kill off bees and other pollinating insects essential to a good fruit crop. The trees are sprayed before the blossoms are open, before the bees have been attracted to them. They [*Turn to page 139*



Fifty yards of these cottons wake up a drab room like this ——→

Washed-out beiges and browns were traded for springlike red, yellow, and gree —and the room fairly sings with new life. Apron-length draperies and snow glass curtains replaced draggled draperies. Apron length is specially right for th room because it has an informal, homey look. If you choose glass curtains for pr vacy, look for the permanent-finish materials that will launder well and won't sa



BEFORE

Spring colors work magic

By Gerry Stoner

Spring comes in color—green lawns, yellow daffodils, and red tulips. And here are bright, inexpensive cotton slipcovers and draperies to help you work spring's color magic indoors, too. You may not be able to change your furniture this spring, but you can change your color scheme and give your furniture a new look.

To show what you can do with springtime colors, *Better Homes & Gardens* Furnishings Editor Christine Holbrook planned new slipcovers and draperies for this jaded living room. Vibrant red, crisp green, and sunny chartreuse cotton blend smoothly to make an elegant setting for the old furniture.

Best of all Mrs. Holbrook didn't change a stick of furniture, dye the carpet, or paint the walls or woodwork. Color-bright draperies and slipcovers and new white curtains turned the trick.

As you can see, this isn't fancy, high-falutin' decorating. It's a simple kind of decorating you can use in your own home right now. The formula is simple: Study your walls and rugs and any upholstery you won't want to change. Pick a gay color scheme that blends with them all. Then find a patterned material in your colors, and several solid-colored fabrics that pick up the colors in the pattern. Make draperies and slipcovers—and your living room will be like new again.

AFTER

BEFORE

Photographs: Hedrich-Blessing; Stanley



A batch of lukewarm patterns gave way to one good strong pattern plus a lot solid color accents, so there's no conflict or distraction now. Fresh spring colo bring out the natural beauty of mahogany, maple, and pine, and give new digni to old rugs and walls. If you want to slipcover padded chair arms, cut and sew th sections separately, and then hook or snap them together with plenty of overla

Mrs. Holbrook's budget looked like this:

Print material for draperies	@ 1.89 yd.	12 yds.	$ 22.68
Green material for love seat	@ 1.59 yd.	12 yds.	19.08
Red material for two easy chairs	@ 1.59 yd.	12 yds.	19.08
Chartreuse material for armchair	@ 1.59 yd.	6 yds.	9.54
Print material for wing chair	@ 1.89 yd.	8 yds.	15.12
Marquisette curtains	@ 3.00 pr.	7 prs.	21.00
		TOTAL	$106.50

Where to get it, page 127





For flowers to brag about—grow IRIS

By Sam Y. Caldwell

When June starts "busting out all over," you can count on irises to give you a real bang. You'll get color—great masses of it—from these long-time favorite perennials. Now, thanks to the plant breeders, irises are available in more and different hues than ever before.

Look behind the whiskers of a tall bearded iris and you'll find it's just a glorified flag from grandmother's garden. But something new has been added—larger flowers of exquisitely sculptured form without the old-time floppiness . . . clarity of color, plus some entirely new shades . . . and stronger, well-branched, better-proportioned stalks.

Which ones? More than 25,000 irises have been named. Current catalogs list three to five hundred varieties. Are you lingering over the pretty color plates, wondering which names to put on your "must-have" list? You'd like to acquire a half dozen good ones without mortgaging the old homestead?

Just in case you have no opportunity to see many of the better irises "in person," I'll make a suggestion. For a collection of reliable performers that cost little (average less than 50 cents each) and cover a wide color range, here are 10 topnotchers:

Sierra Blue—smooth, fine blue
Gloriole—pale "frosted" blue
Los Angeles—white with blue "stitching" on petals
Gudrun—white
Golden Treasure—cream
Golden Majesty—rich yellow
City of Lincoln—yellow standards (upper petals), red falls
Christabel—red
Junaluska—copper, red and gold, blended
Frank Adams—tan standards, rosy-red falls.

Though modestly priced, all of these except the last one (which narrowly missed) rank currently in the "100 best" voted by judges of the American Iris Society, competing with newest varieties costing $25 and more

Prices are based largely on newness and scarcity of stock. A 1949 introduction, of which only a few plants are offered for sale, will command a [*Turn to page 272*

You can own a rainbow if you grow the glorious modern irises

David F. Hall, noted iris breeder of Wilmette, Illinois, chooses more light-colored varieties than dark for his home garden. He plants a sizable group of each one, to get contrast and prevent colors' being lost in one over-all blend. Photograph: Suter, Hedrich-Blessing

For tips on growing dahlias and glads you'll be able to brag about, turn to pages 266 and 268.

Summer care boosts bloom, insures increase



Feed established iris clumps at this stage with a handful each of balanced plant food. Keep this off foliage and rhizomes



Water at once after spreading plant food. Also water in cool hours of the day if May is a dry month. Apply around clumps



Protect from harm by iris borers by spraying or dusting with garden-type DDT every 10 days until the blooming is over



Clean the clumps of old leaves after the bloom is finished but cut the flower stems this low only after they have turned brown

A family roo

Here's a room that gets a lot of

because it's as informal as family

By Ann W



For fireside chats and reading, there's a huge brick fireplace flanked by carry-about easy chairs. Shelves across the room hold records, books, hobby equipment

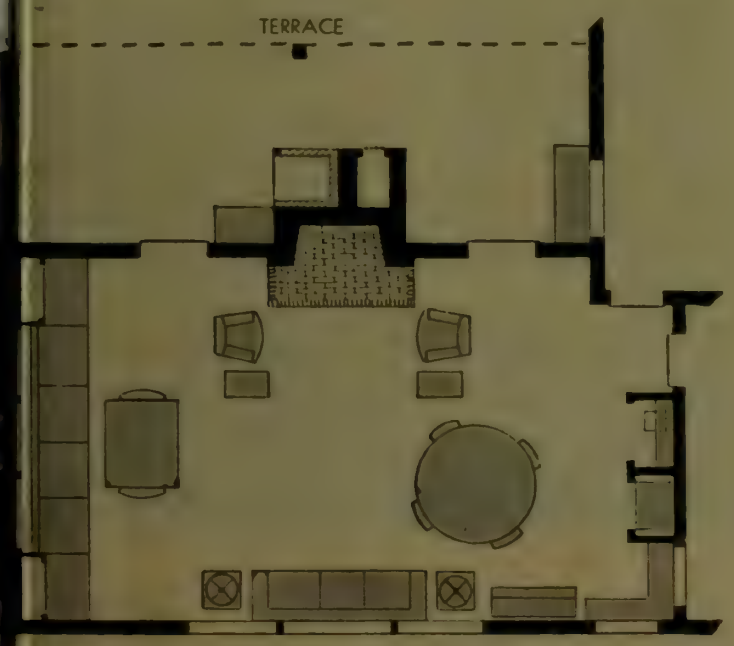
Photographs



For outdoor cooking and eating, the Eubanks planned a big brick terrace with an all-purpose oven and barbecue. Part of the terrace is under cover, part extends out into the sunshine. Heavy wooden tables and weatherproof hickory chairs la with canvas are comfortable, countrified. See more terrace pictures on page

eans more fun year round

ilies are fun—and they certainly can have good times
er if you've a room where everyone can relax and enjoy
f. Hobbies, games, entertaining, even family snacks are
un when everyone pitches in.
hy not make the most of living by giving your family a
info-mal family room? Indoors you'll want a big room
ts of comfortable chairs, plenty of light, handy tables,
elves for books or hobby equipment. Then outside—
door away—fix up a barbecue and sunny terrace that
your outdoor living room in summer.
are pictures of the family room that the A. D. Eubanks
sion, Kansas, planned. With the advice of Decorator
Sloan and Architects Loth and Law, they enclosed an
orch and added a big indoor-outdoor fireplace. See how
worked out. [*Turn to page 185*





For games and dancing, you find well-placed lamps, comfortable couch and window seat, handy game table, polished floor. Light chairs push back out of the way when there's dancing. Shelves are wide enough for radio and record player



idnight snacks and family lunches, here's a dining corner complete with sink, refrigerator, china shelves. Louvered doors hide sink and refrigerator



The Eubanks added a family room to their home by enclosing a little-used porch at one corner of the house. Family room is on first floor so it shares sunlight by day

BIRTH

We are awed by a pyramid,
wonder-struck by a star,
unable to grasp the complexity of an ocean liner,
an airplane, or an atom.
Yet none of these can compare with the supreme miracle of the universe:
a newborn baby.

By J. D. Ratcliff

Comprehend, if you can, how the most minute fragment of life—a single cell, just on the fringe of the microscopic world—can divide and redivide to make the billions of cells in the body of a baby. Think of the inordinate number of tissues and organs that sprang from this initial fleck of clay: the hair, the nails, the skin, the brain, the eyes, the ductless glands. Each step of the creative process represents a series of exquisitely intricate events, each timed to the other in hair-line sequence.

Almost any high-school biology student feels competent to explain the facts of life. The research man lacks this self-assurance. There are, he readily admits, great gaps in his knowledge. At best, he can supply only the crudest outline of the stirring drama.

It has not been his fortune to observe the evolution of a human life—as Dr. William Beaumont last century charted man's digestive processes. Beaumont, an army surgeon stationed at Mackinac Island, had as a patient a French-Canadian whose abd had been opened by a gunshot wound wound failed to heal, and for several Beaumont made direct observation o human digestive process.

Lacking such an opportunity to stud man reproduction, scientists have piec gether the picture as best they can. have used X-rays to peer into the wom observe the growing life. They have st the end products of abortion to visualiz orderly steps of fetal development. And have performed thousands of autopsi pregnant women who died of accide disease.

Furthermore, they have checked findings with studies of animals— the d opment of all mammalian life bein markably the same. The sperms of h and the eggs of sheep look almost ex like their human counterparts. A whal a mouse spring from eggs approximatel same size as those that produce a hu

n the early stages of development, it is st impossible to tell a dog's embryo from an embryo. And, later on, it is similar- licult to differentiate between the man and the monkey.

ch month one or the other of a woman's varies—small (an inch and a half long), nd-shaped glands that hang on either f the pelvis—produce a single egg. The s a minute, fragile, opalescent thing so is to be barely visible to the sharpest Globe-shaped, the egg is barely 1/200th inch in diameter. It would require ,000 eggs to fill a sewing thimble. Still, gg is the largest cell in the human body.

he other extreme, the sperm produced an is the tiniest cell. Shaped something microscopic tadpole, it has a head 00th of an inch in diameter, and a dlike tail with which it kicks itself . No larger than a red blood cell, the atozoon has some remarkable traits. most striking: its selectivity. It passes ns of body cells on its journey seeking g, yet displays interest in none of them. ilar disdain is expressed by the sperm f one species for the egg cells of another sperm, for example, will make no ef- o penetrate the egg cells of rabbits. her remarkable fact about sperm cells is staggering number—225,000,000 of will be implanted at a single time. Yet, f this vast number, only one will com- its destiny: fertilization of the egg.

e actual mating takes place in the fallo- tube, the 3- to 5-inch canal that con- he egg from ovary to uterus, or womb. process of fertilization has been ob- d in animals. Not long ago, Drs. John and Arthur T. Hertig, of Harvard, ucted an epochal research. They re- ed human ova from fallopian tubes re- d from women because of disease. They d these eggs with male sperm. Under microscopes they watched sperm at- eggs—and saw the first halting steps rd life as cell division started in the egg.

the same time the process is no less rous for the fact that it has been ob- d. It is astonishing that the minute, le sperm can bore its way into the large relatively tough egg. Possibly it pro- s a chemical which softens the shell, or bly the shell itself weakens to permit ance. In either case, only one sperm is itted. After that, all others are turned . To accomplish this turning away, the of some creatures shoot out tiny fingers ing away unwanted sperm. It has also suggested that once a sperm cell has ed admittance, the shell hardens in- tly to bar the way to all others.

he particular sperm the egg accepts de- ines the sex of the child which will be 280 days later (for comparison, the ation period of an opossum is 11 days, n elephant 600 days). Half of all male carry girl-producing X chromosomes, half boy-producing Y chromosomes. The egg carries only the X's. Hence, if an X-bearing chromosome enters the egg, a girl baby will result; if a Y, there will be a boy. Sex, therefore, is dependent on the father.

Once the cells fuse, the curtain slowly rises on the most fundamental of all dramas. The egg, now fertilized, is still in the fallopian tube—a threadlike opening, no larger than a broom straw. This channel contains thousands of minute *cilia*—hair-like protrusions which wave like wheat in the wind. It is their job to move the fragile egg on a leisurely journey toward the uterus—a trip that requires something like three days. During this time, cell division has started in the egg. The original cell has split apart to make two cells, these two to make four, etc.

A stirring rush of events gets underway with perfect timing. First, the ovary secretes a hormone, estrogen, which it empties into the blood stream. This remarkable chemical has an all-important job to perform. It has a specific action on the uterus. Under its influence, walls of that organ thicken. Networks of new blood vessels spring up with amazing rapidity, and there is an enormous increase in uterine glands. The purpose of this activity is to provide nourishment for the new life. Once this job is completed, the ovary springs to new activity. The tiny crater from which the egg erupted rapidly fills with a yellowish, waxy stuff—the corpus luteum. It, too, produces a hormone—progesterone. It is the job of this chemical to quiet the rhythmic contractions of the uterus—otherwise, the fragile egg might be injured or discarded.

In a sense, all of this activity is like preparing a house—the uterus—for an honored guest. If the guest—a fertilized ovum—does not arrive, all the preparations have been in vain. Excess tissue breaks down and is discarded. But in the case we are interested in, the guest *does* arrive, right on schedule.

Once the fertilized egg reaches the uterus—a muscular organ approximately the size and shape of a small pear—it leads an apparently aimless existence for six days. It drifts around the uterine cavity, carried by fluid currents. Were any foreign body placed in the uterus, that organ would contract to expel it. But it makes no effort to discard the new life.

This six-day period of apparently aimless—or at least unexplained—drifting represents a highly critical period for the fertilized egg. By now its food supply, the microscopic yolk of the original egg, is near exhaustion. The life it carries is dangerously near extinction. The egg reacts to this hazard. It selects a spot on the red, velvet-smooth uterine wall. It apparently secretes something—possibly an enzyme—which eats a tiny niche in the wall. Then it shoots out tiny feelers with which to draw nourishment. Now, at last, the embryo is safe. It has a nest, and has tapped an always dependable source of food.

From this point out, one wonder piles rapidly on top of another. The rounded clump of cells becomes the *morula*—which is Latin for mulberry. Then this minute berry of life grows into a tiny hollow sphere, which is filled with fluid. Over it, a membrane forms which will become the placenta. Through this placenta the growing life will take nourishment from the mother, and will discharge its body wastes—to be excreted by her kidneys. From now on, until the moment of birth, it will live a submarine life, immersed in a bath of amniotic fluid—the watery stuff that fills the sac in which the baby is forming. At one point in its development, the baby will even have primitive gill slits—a reminder of the fact that all life sprang from the seas.

By the end of the third week, the growing life is a tiny fleck of grayish tissue. But even at this point, it has a primitive heart, a tiny pulsating tube; and its own system of blood vessels. Already it is manufacturing its own blood which is quite independent of the blood supply of the mother, separated from the mother's circulatory system by the placental barrier. The baby's blood, note in passing, may be an entirely different type blood from that of the mother.

During this third week, other striking things have happened. A rudimentary nervous system has been forming; a brain of microscopic proportions, a threadlike spinal cord, even smaller nerves.

The first evidences of a bony structure don't appear until the end of the sixth week. Up to this point, the embryo has been indistinguishable from the embryos of other mammals. But by the end of the sixth week it is recognizable, even to the unaided eye, as a human being. The head is forming, and during the following week, fingers and toes will appear. By the end of the ninth week, the face, a tiny miniature, is completely formed. Still, the baby is almost unbelievably small. At this point, it weighs only 1/15th of an ounce.

By the end of the third month, most organs are completed and functioning, but the head is large in proportion to the rest of the body. If born at this time, and placed in a bowl of warm water, the infant will make feeble movements in a vain struggle for life. But it is not nearly ready for an independent existence in a hostile world.

Up to this point, the mother is aware of the new life only by external signs. She may feel morning sickness and has, of course, ceased menstruating. Now she can feel a small lump just above the pelvic area—the rapidly enlarging uterus. At first, pear-shaped, the uterus assumes a globular form, then, later on, an ovoid, or bottle shape. By now, the uterus has undergone almost unbelievable expansion. By volume, it has increased 500 times! It has pushed other organs aside, almost filling the abdominal cavity, and even push- [*Turn to page 151*

Exterior is built of smooth-faced gray brick. Windows on street side (left) are small, used only where needed for light and air. Entrance door opens off terrace

In Better Homes & Gardens Five Star Home No. 1905 a

Triple-use core doubles living space



Kitchen is corridor type, with knotty-pine cabinets. Note telephone nook handy both to core and kitchen, recess below for stool

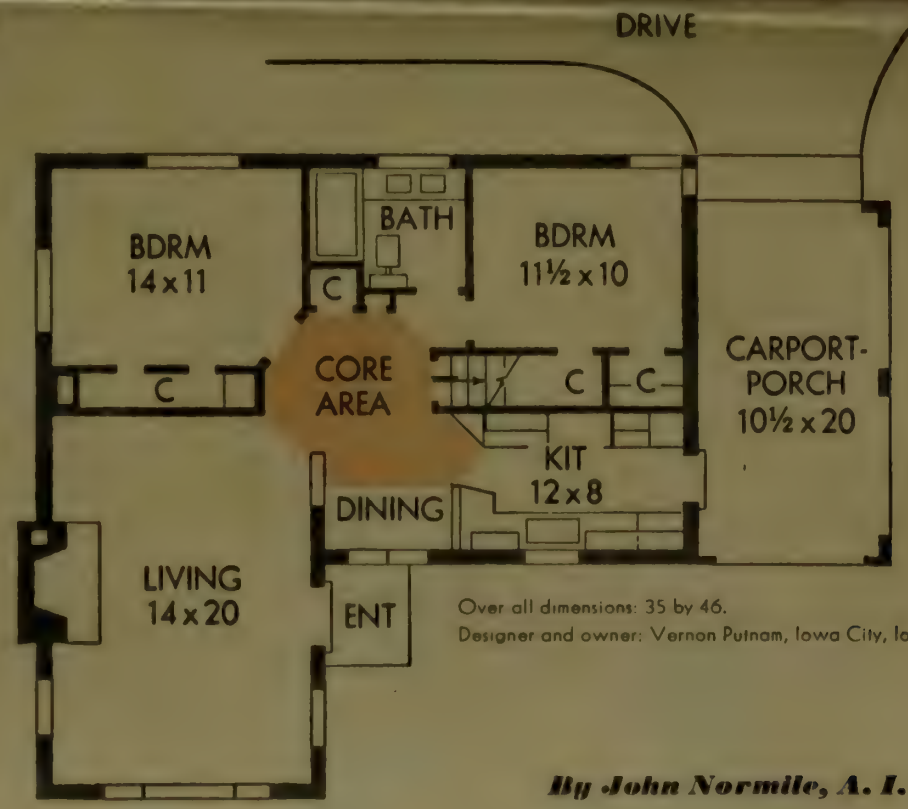


Entire plan was built around this multipurpose room, the core of the house. Here it serves as a separate dining room—essential when children are still in the food-spilling stage

Photographs: John Barry



Picture window with flanking double-hung sash fills most of one living-room wall, provides a pleasant view of lawn and flowers, not of passing cars. Large glass area and half-partition to core makes room light, open



Over all dimensions: 35 by 46.
Designer and owner: Vernon Putnam, Iowa City, Iowa

By John Normile, A. I. A.

Every house has one spot where most of the family activity takes place. It may be a recreation room, especially planned for your hobbies. It may be a large kitchen where your family congregates to chat while dinner is being cooked. Or it may be a large and comfortable living room.

In *Better Homes & Gardens* Five Star Home No. 1905, the spot around which daily life revolves is none of these. It is a small area, about 80 square feet, but it does the job of an area three times its size. It is the core of the house—because it is the center of activity and because it is in almost the exact center of the house.

When Designer Vernon Putnam put on paper the ideas we wanted to incorporate in the house, they read something like this:

1. A large living room with a fireplace and picture window, the room placed so it could be closed off without making any other rooms inaccessible.

2. Play area for children near and within sight of the kitchen, but not *in* it.

3. Dining space separated from the kitchen and living room, but only a few steps from both.

4. A compact bath with a high window to eliminate the need for shades.

5. A combination carport and porch that would save the expense of building a garage, and provide an outdoor play [*Turn to page 156*

You can buy complete plans for any Better Homes & Gardens 5 STAR home

How to get elbowroom on a small lot

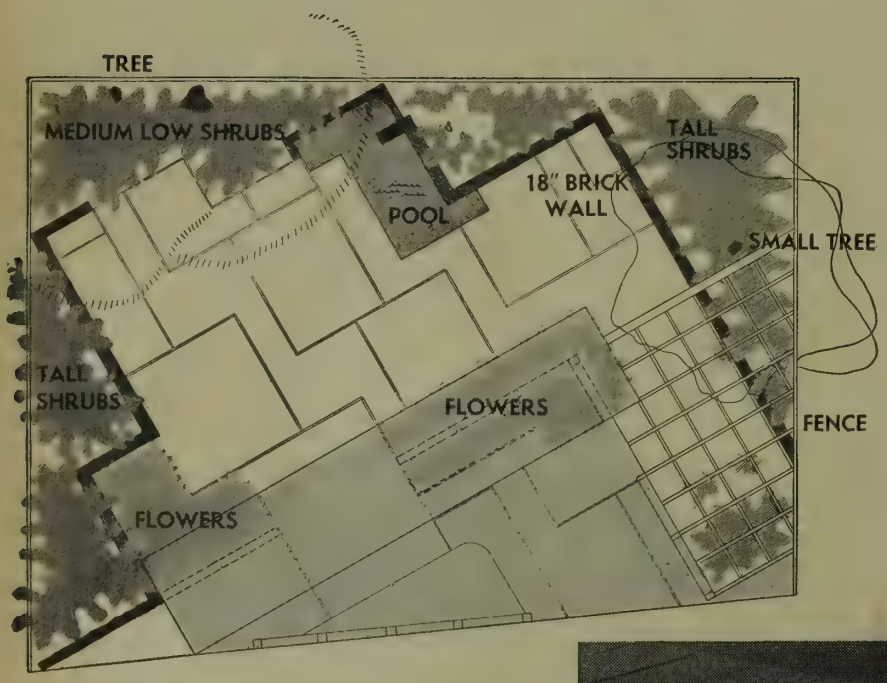
See how professional designers get a big look and space for real outdoor living into cramped quarters

By J. Evans Hendricks

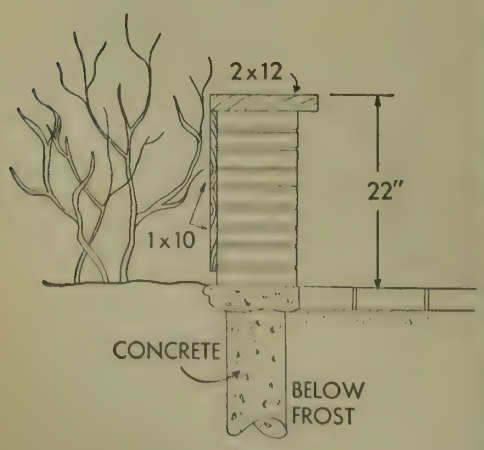
Would you believe, at first glance, that everything you see in these four pictures lies within a space 45 feet one way and less than 25 the other? It's no trick of the camera. Skilled planning did it. But anyone can adopt the means used here to squeeze the most use out of a small outdoor living space, yet hold the upkeep down:

—keep the center open
—mass the plantings along the edges
—lead your garden in, and your house out.

Paving of some sort is an advantage, both from the use angle, and because, once it's laid, it cuts upkeep costs right down to the bone.



By applying the principle that no one is shut in who doesn't feel that he is, a design was developed which apparently pushes the boundary fence back. Your eyes are led out from the house by the longer lines of the paving, the pool, and the seat-wall. Flowers were brought inside the glass to give the outdoor feel and look that much sooner. Designer: Theodore Osmundson, Jr., of Osmundson, Staley, and Gibson, landscape architects, of Oakland, California



You get triple use from a seat-wall like this. It gives you a lot of extra seats, and doubles for tables, too, when you need them in a hurry. It controls the planting in a good way, and cuts out the need for edgings and hand trimming. And it's also a practical shelf for potted plants



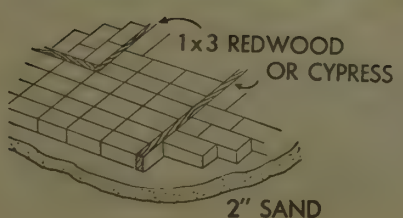
Dull green fence gives privacy. A simple twist of perforated copper tubing makes fountain for the shallow pool. Water is circulated by an inexpensive pump

Photographs: Fein



The feeling of roominess is upped further by full-length glass and by using only low plants next house. Wooden door-grill frames, but doesn't hide, the view





Here it is—real elbowroom—privacy—lots of open floor on which to pull your chairs about to get sun, shade, or pleasant warmth tempered by egg-crate trellis—the tinkle of water into pool safe for children—flowers—and low upkeep. Something you can use?

We call our home "Balla Machree," which means

House o' my heart

By Marie Wallace

The house on the cover



Our home, Balla Machree, is built on a high point above the Chagrin River, an hour's drive east of Cleveland. Trees on the surrounding hills hide it from everyone but flyers.

We built Balla Machree 10 years ago, and during that time we have found it a perfectly livable year-around house, and ideal from the standpoints of convenience, comfort, and ease and economy of upkeep. Its plan could be used anywhere.

The exterior was designed for a minimum of upkeep. Rough chestnut siding originally was stained a silver gray, and now it is beautifully weathered. The shutters, at first barn red, have faded to a raspberry color. Neither siding nor shutters need further care. The cypress shakes on the roof have been oiled only twice in 10 years.

The inside of the cottage is easily maintained. There's no wallpaper to tear off or clean, no curtains to launder, no unnecessary floor space. You can sweep, dust, scrub, and shine the entire cottage in two hours.

Our architect, Clyde Merrell, added some unusual touches. The two large light fixtures which drop from the ceiling in the big room, for instance, are made of iron gas pipe. We found the fixtures' old lamp chimneys in the attic of a general store, and fitted them into collars of scalloped copper.

Like those often found in early American homes, our stone fireplace chimney is asymmetrical—one side straight, the other slanted. On the outside, the chimney has a deep vertical groove down the center that helps make its height the dominant feature of the house when seen from the road. We can load our fireplace woodbox from outdoors.

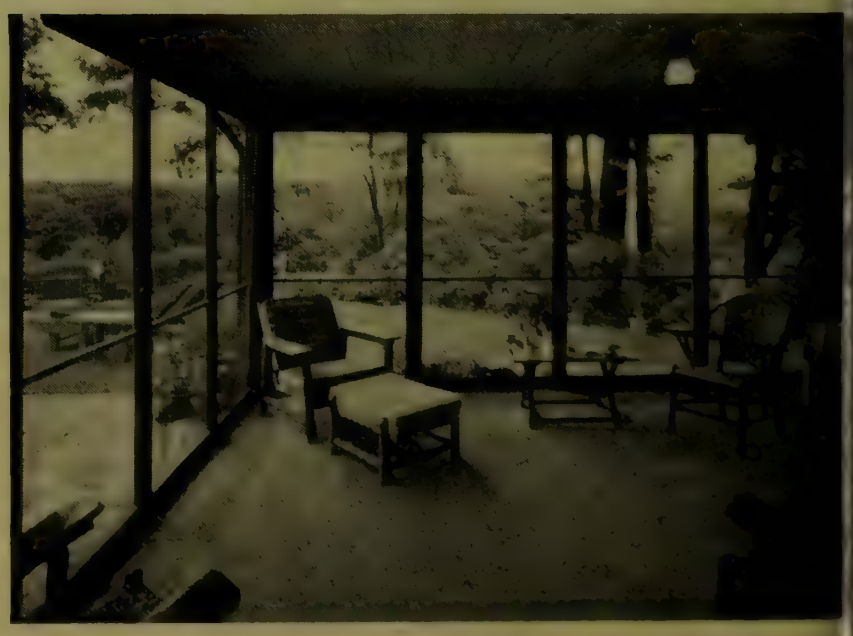
We eat in many places—on the screened porch in summer, in the bay with the big picture window in cold weather, on a lookout we have paved, high above the river, or barbecue fashion in the outdoor cookhouse.

For us, our home is perfect. It has the convenience of modern planning, plus an atmosphere of tradition. As time goes by, Balla Machree becomes more and more the house of our hearts.

More photographs on page 254



Story-and-a-half living room takes up half the floor area of the house and is in constant use. Stone for fireplace was brought up from river below our site



Our screened porch is on the view side off the kitchen. Here we eat our mea in good weather. Flagstone floor we clean with a stream from a garden ho

We wanted our house to be an integral part of its country setting. It is. Chestnut siding, cypress roof, native stone chimney, and vines make the house blend into trees

Photographs: Suter, Hedrich-Blessing



Entrance to house is at end of flagstone walk from road. Projection next to front door is tool shed. Trees surround this end of the house, give shade in summer, break cold winds in winter





If you're an outdoor man, a long sofa to seat your friends while you tell of the one that got away, decoys used decoratively, and an Audubon print will help create the proper setting, still be in keeping with the rest of the room



If you burn midnight oil, you can handle your fuel bills here, home-from-the-office work, and the family bookkeeping. With a screen, you can leave your work spread out and hide it from view. That's a student lamp on the desk



If you're on your feet all day, you'll welcome this setting for sitting. It won't be pop up for this or that when you have plenty of room for magazines, newspapers, and smoking equipment



If you like cards, you'll probably settle for a good deal like this. A permanently set up card table is a practical timesaver in some homes, and a pipe rack installed above it is just as logical; a good background for family fun



If you're a music lover, you'll appreciate this arrangement as much as a favorite album. With display storage for your record collection, comfortably big chair and good lighting, you'll go on record as another happy homebody

Every man needs a corner of his own

Any man will consider himself lucky to have one of these

By Harry Richardson

You probably have some spot in the house you gravitate towards naturally whenever you read, or relax, or have work to do. With a little planning, your favorite corner can be made even more comfortable and add a much-needed masculine touch to the atmosphere of your home.

You don't need much: an easy chair with a place for your smoking equipment; a desk big enough to operate it if you want to write a letter or bring work home from the office, or a corner where you can display your hobby. Here are seven suggestions, any one of which may be the very thing you need—exactly what your home may need to give it more *character*.



If you like to concentrate, a "workbench" without any frills may be what you want. Two metal filing-drawer sections and plywood make a desk, pine shelving takes care of necessary books, and a spare corner takes care of the thinker



If you're a collector of antique toys, rare books, stamps, or what not, you can find a way to use your hobby decoratively. Whether you ride your hobby hard or only occasionally, chances are you'll appreciate having your collections close at hand, and be proud to entertain friends



$1.65 buys a garden of marigolds twice this size. Dwarf kinds shown are Redhead, Naughty Marietta, Yellow Pygmy, Golden Bedder, Red and Gold Hybrids. Tall sorts are Burpee Primrose (pale), Victory, and Mammoth Mum

A lot of bloom fo

By Fleeta Brownell Woodroffe

To convince yourself you're both rich and lucky, try growing your own flowers from seed. It's one of the pleasantest and surest ways. How else could you acquire so many flowers for so small an investment? Where else could you have a hand in producing such miracles of color, merely by following a few simple directions?

Annuals—zinnias, petunias, asters, marigolds, and the like—are your best bet for showy bloom you can enjoy within a matter of weeks. Just do this—

- You first choose a spot for them that gets sun for at least five hours a day.
- Fork or spade the soil a good 8 inches deep, then pulverize and smooth it.
- Because seedlings in rows are easier to identify than seeds sown broadcast, mark off rows according to the sizes of the seeds. Make inch-deep furrows for zinnias and nasturtiums, only half that deep for larkspur and cosmos. For petunias, sweet alyssum, and poppies, roughen soil a little, then sow by covering seeds with just a dusting of fine dry soil.
- Water the rows before planting. Shade with folded newspapers, burlap, or a veil of grass clippings. Remove burlap and paper when the first green seedlings start humping up into the light.
- Space your seedlings. You can thin by transplanting. Move enough seedlings so that each has room to develop. This is 12 to 20 inches for zinnias and the larger marigolds, as little as 8 inches apart for sweet alyssum, phlox, and portulaca.
- Keep soil about the roots when shifting your plants. Settle in place with a cup apiece of water in which you've dissolved a good plant food, at the rate of two tablespoons to each gallon of water.

New varieties to give you more cut flowers and a still better show for the money

FLOWER	COLOR	HEIGHT	WHERE TO PLANT
Annual hollyhock—Indian Summer	Pinks and reds	3 to 5 feet	Along fence or wall. Will winter over
Dahlia—flowered zinnia—Super Giants	Buff to mulberry	3 to 4 feet	Border—or as a temporary hedge
Sensation cosmos—Radiance	Rose with maroon band	3 to 4 feet	Back of border or along fence or house
Annual phlox—Tetra Red	Fire-engine red	1 foot	As edging or in beds
Annual aster—Princess Strain, mixed	Pinks, orchids	2 to 2½ feet	Beds and borders, also among vegetables

for little cash

Small change goes a long way
when you spend it on seeds
of quick-blooming flowers





50c to border a walk. Two packets of Petunia Rose of Heaven or Petunia Topaz Rose will do this. To get even distribution, mix seed with four times as much dry soil before sowing broadcast

Photographs: Gottscho-Schleisner, Fein



95c to brighten a corner. You need one packet each—Petunia Peach Red and black-eyed-Susans; also six bulbs of Golden Dream glads and three of orange Barcarole

45c buys a lawn edging. This one takes one packet each of seeds of red English daisies, cardinal-red sweetwilliams, white sweet alyssum—either Carpet of Snow or Little Gem

Style on a budget

Even a tight-fitting budget can yield enough charm to make a house a home

By Helen Ave

It was one of the those houses that are offered to the ill-housed third of the nation. It was a house of prewar quality only because the plan came off the drafting table when rough-plaster walls, arched doorways, and wall niches were in vogue. It was one of those over-priced houses late-comers to the wartime real-estate boom had to take or go back to their rented rooms.

Dave and Betty Claytor of Grand Rapids, Michigan, had no illusions about it, but they weren't going to let it get them down. They had practically nothing to furnish it with but a tight-fitting budget, plenty of ingenuity, and courage. What they accomplished will make some couples recall their own first days during the depression; it should be an inspiration to many another young couple faced with the problem of making something out of very little.

The Claytors, remember, had a double problem: How to make a little box of a house look like home to them, despite undersized rooms, too-few and too-small windows, and a dated interior; and how to do it without going into debt. When you face a situation like that, the woman of the house doesn't solve her drapery problems by measuring the windows and flying down to the best store in town. Instead of calling in a cabinetmaker, the man of the house forgets that he isn't handy, starts figuring that bookcase himself. You think before you spend; that's the way the Claytors had to do.

Before they did any remodeling or decorating, they sketched the living room and their two bedrooms on graph paper and



The Claytors gave it real style—inside

drew their furnishings to scale. They wanted to be sure that they spent wisely, that their small house didn't end up looking stuffed. Their first purchases were only the bare essentials, the basics for sleeping, eating, and sitting.

You see what they started with in the "Before" pictures in this story. Their rooms looked pretty austere in those days. That's where the courage came in because they had a plan, and waiting, as well as working, was part of it.

They had to wait until they hit that out-and-out bargain in lamps for their bedroom; until they turned up that secondhand easy chair, until the budget could stand what it took for paint, and lumber, and cotton goods. It took them nine months of working, scheming, budgeting, and spending out of income, but they didn't go into debt, and they [*Turn to page 294*

Photographs: Suter, Hedrich-Blessing



"Maybe if we wait awhile . . ." This chair played an important part in the Claytors' plan. Betty sat and waited until the budget could stand what it took for a table, lamp, and chairs



"We'll come up with an idea like this . . ." Plain, white 59-cents-a-yard sheeting can be the stuff your dreams are finally made of. When pleating pins and bastings come out, curtains can be laundered at flatwork rates. Light-line Provincial-type chairs keep living room from looking heavy with furniture



Dave and Betty studied this corner carefully. They couldn't afford to make mistakes. They didn't like their rough-plaster walls, arches, and niches, but they couldn't afford replastering. Deep-brown paint toned down the roughness (right). Bookshelves helped square the arch

With hard work and $30 worth of lumber Dave framed ➡ the door with bookshelves and two cabinets. Radio at right is an old model faced with plywood to give it a built-in look. Old record player is below. Dave filled niches with plasterboard and a thin coat of plaster. Wall hanging is $1.35-a-yard cotton print glued to the wall

Provincial-style powder table that serves as a desk









←One touch of glamour. The Claytors played up one wall. It took Dave's hammer and saw and a little 1 by 10 pine to frame wall and bed. Betty supplied organdy ruffling and the chintz that was glued over facing of the bedside stands

"We could put out our chests." And well they might. They got a 75-inch chest, 12 drawers, for less than $60. They combined two 15 by 27 unpainted chests and a 12 by 21 model, center, and replaced wood knobs with brass handles

ABC's of flower arrangement

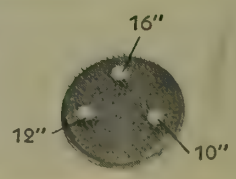
By Fae Huttenlocher

Now everyone can arrange flowers beautifully. Follow these pictures!

Here is a basic recipe for arranging flowers. If you have three flowers or branches (see 1); five, seven, or nine (see 2, 3, 4), these pictures show you how to use them for best effect. Follow this recipe for attractive arrangements with all flowers and branches. Note: To insure good results, you can buy needlepoint holders marked like those in the pictures below.



1 Three flowers: Place 16-inch, 12-inch, and 10-inch stems on 4-inch needlepoint holder in positions shown in diagram, right. Top blossom should be above center of holder. Arrange the two front flowers to point to your shoulders. The bowl used here is 10 inches long





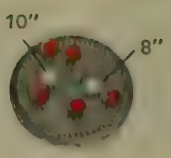
2 Five flowers: Put 13-inch stem in back and to left of first tall stem. The 6-inch stem goes in center of grouping. See diagram. Arrange blossoms to face up toward highest blossoms. For a realistic feeling, keep each tulip's foliage close to the stem—as it actually grows



Photographs: Stanley



3 Seven flowers: Cut the left stem 10 inches long; the right 9 inches. White dots show where to place them. All stems, except the tall one in center, should be placed at angles, not straight up and down. Arrange flowers so that none of the blossoms touch another





4 Nine flowers: Add an 11-inch stem in the back, an 8-inch stem in the center, as in diagram. Check to see that you have placed flowers on needlepoint so they are facing up to the highest flower. This keeps your arrangement looking fresh as it would while growing



Where to get it, page 127



Purse string trouble?

HERE'S ONE ANSWER!

Cut your food bills... delight your family, too!
Keep a shelf stocked with Campbell's Soups!

In these days when every penny of your food dollar counts, you'll find you get extra goodness and nourishment by serving Campbell's Soups. Campbell's buy only the best ingredients . . . but buy them at the right season, when quality is at its peak and prices are favorable. These economies are passed on to you. . . . So take a bow from your family and the strain off your purse strings by serving Campbell's Soups often!

Campbell's SOUPS



Scotch Broth— thick, hearty, satisfying

A fine, firm foundation for spring-time meals! This nourishing soup is thick with rich meat stock, barley, vegetables, and delicious pieces of mutton. Try this supper menu:

Campbell's Scotch Broth
Green Onions and Radishes
Sliced Beef and Relish Sandwich
Caramel Custard



...st as ...re as ...like ...icken...

...you'll like Campbell's Chicken Soup. Full of the rich flavor of fine chicken . . . fluffy rice . . . tender pieces of white and dark meat. See how it adds to spring menus:

Campbell's Chicken with Rice Soup
Corned Beef Patties Asparagus Bundle Salad
Strawberry Meringue Fluff





Tomato— smooth, tangy, nutritious

"The soup most folks like best". Luscious tomatoes, creamery butter and seasoning, blended according to a matchless recipe. A delicious introduction to lunch or supper:

Campbell's Tomato Soup
Tuna Fish Salad Potato Chips
Oatmeal Cookies





TIME-SAVING

CANNED MEATS

Dinner in 30 minutes

By Myrna Johnston

When you want to get a good dinner with speed, it's handy to have the main dish within reach on the cupboard shelf.

There are eight dinners shown and every one of them starts with a can opener.

Check your grocer's and you'll find a great variety of canned meats—luncheon meat, hot tamales, little pig sausages, baked ham, corned beef hash, wieners and barbecue sauce, hamburger patties, corned beef. All these meats need is a brief heating in the oven or sizzling in the skillet.

This month's issue of *Better Homes & Gardens* has been planned to save you time—extra minutes, even hours—time you can have to spend in your garden, to relax with the morning paper, to visit down the street, to shop, or to play golf. We've planned meals you can fix in a hurry; short cuts you can put to work in the kitchen and all through the house. We show tools to make your work easier and save you time. Look at the articles on pages 64 through 70, 78, 108, 186, 204.

Recipes on page 192

Photograph: Charles Kuoni



TIME-SAVING MIXES

Dessert magic—from a package

even luscious spring desserts—designed for days n time is short. The base of each one is a pack-d mix. You take over from the package to create ew temptation in double-quick time.

Across the page, Baba au Orange with hot orange up . . . flaky Strawberry Shortcake with berries ween layers and heaped high on the top . . . conut Custard Pie . . . Gingerbread Strips with party pink and green icing . . . Chocolate-Nut Drop Cookies . . . fruited Lemon Custard with banana slices, orange wedges, and cherries on the stem . . . golden-brown Coconut Butterscotch Squares—all yours from a package.

They're desserts that look fancy, but they're *fast*, each one planned with an eye on the clock. The recipes are simple—see below.

Chocolate-Nut Drop Cookies

1 package chocolate cake mix
½ cup water
½ cup semi-sweet chocolate pieces
½ cup chopped California walnuts
½ teaspoon almond extract

Follow directions on package for making cookies, using ½ cup water. Stir in chocolate pieces and nuts. Drop from teaspoon onto greased cooky sheet. Bake in moderately hot oven (375°) 10 to 14 minutes. Makes about 4 dozen.

Gingerbread Strips

1 package gingerbread mix
1 cup chopped seedless raisins
1 cup chopped California walnuts
2 to 3 tablespoons orange juice
1½ cups sifted confectioners' sugar
1 teaspoon grated orange peel

Mix gingerbread according to directions on package; add raisins and walnuts. Pour into greased 9- by 13-inch pan. Bake in moderately hot oven (375°) 20 to 25 minutes. Cool slightly. Add enough orange juice to confectioners' sugar to make a spreading consistency. Add orange peel; mix well. Spread on gingerbread; cut in strips. Makes about 1½ dozen. If desired, trim strips with pink and green tinted frostings using a pastry tube. Or decorate with California walnut halves.

Coconut Custard Pie

1 package vanilla pudding mix
2 cups milk
1 tablespoon (1 envelope) unflavored gelatine
¼ cup water
¼ cup chopped maraschino cherries
½ teaspoon almond extract
1 cup heavy cream, whipped
½ cup toasted shredded coconut
9-inch baked pastry shell

Prepare vanilla pudding according to directions on package, using 2 cups milk. Soften gelatine in cold water; add to hot mixtures; stir until dissolved. Cover; cool slightly. Add cherries and almond extract; mix well. Fold in whipped cream. Pour into baked cooled pastry shell; sprinkle with coconut. Chill. Serves 8.

Pastry making is as easy as pie. Just open a package of piecrust mix. To make one pastry shell use one-half the package. Why not make the extra pastry in the form of tart shells, fill the next day for a surprise dessert. Piecrust mix makes flaky chicken and meat-pie toppers, too.

Strawberry Shortcake

¾ cup light cream or top milk
2 tablespoons sugar
2 cups biscuit mix
2 tablespoons butter or fortified margarine
1 quart strawberries

Add cream and sugar to biscuit mix; mix well. Pat out one-half of dough in 8-inch round pan, dot with butter. Pat remaining dough on top. Bake in hot oven (450°) 15 to 20 minutes. Split. Place strawberries between layers and over top. Serve with whipped cream. Note: For thicker layers, as shown, double amounts of cream, sugar, and biscuit mix. [*Turn to page 237*

pper left: Chocolate Drop Cookies and Gingerbread rips. Upper Center: Coconut Custard Pie. Upper right: rawberry Shortcake. Center: Baba Au Orange. Lower ft: Coconut Butterscotch Squares. Lower right: Fruited emon Custard.

Photograph: H. i. Williams

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TIME-SAVING TRICKS

Short cuts for the cook

By Mary E. Carrick

It's the minutes you lose on the little jobs that keep you in the kitchen overtime.

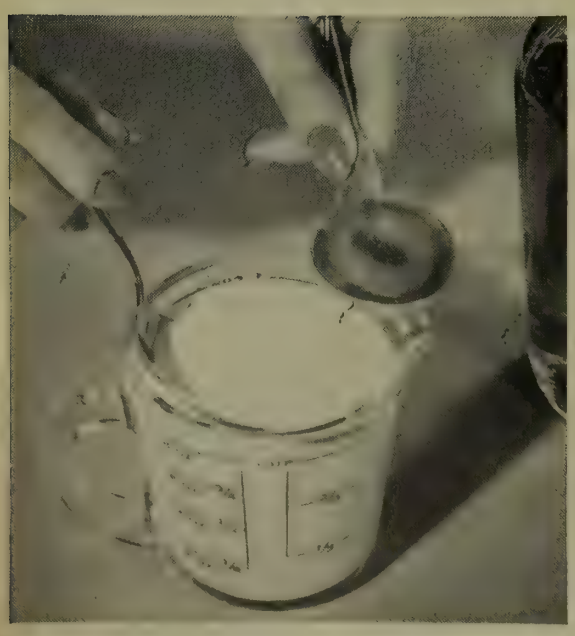
While you're mixing a cake or making the salad, think of ways you can do that particular job faster. It may mean rearranging your equipment so you won't have to spend so much time and so many steps collecting it before you get the job under way. Or it may be some of the simple time-cutting tricks we show you in these pictures. There are a baker's dozen here, but hundreds more in your own kitchen.



To bake cupcakes. Paper liners save you time when you make cupcakes. A one-fourth cup measuring cup saves extra motions spooning the batter and keeps each cake the same size



To hull strawberries. Use a teaspoon to hul strawberries. It does good work and it saves you time Wash the berries before stemming so no flavor's lost



To make sour cream. Add 2 tablespoons vinegar or lemon juice to 1 cup evaporated milk. Let stand awhile in a warm place. Sour milk the same way



To make croquettes. Cut out chilled croquette mixture with biscuit cutter. This saves handling the mixture and keeps croquettes uniform in size and shape



To season and flour meat. put the meat and c little seasoned flour in paper sack, shake the sack, th job's done. And you can get supper that much faste



o decorate a cake. Spread cake smoothly with eamy frosting, then dimple it with a broad spatula. r make decorative ridges by marking with fork tines



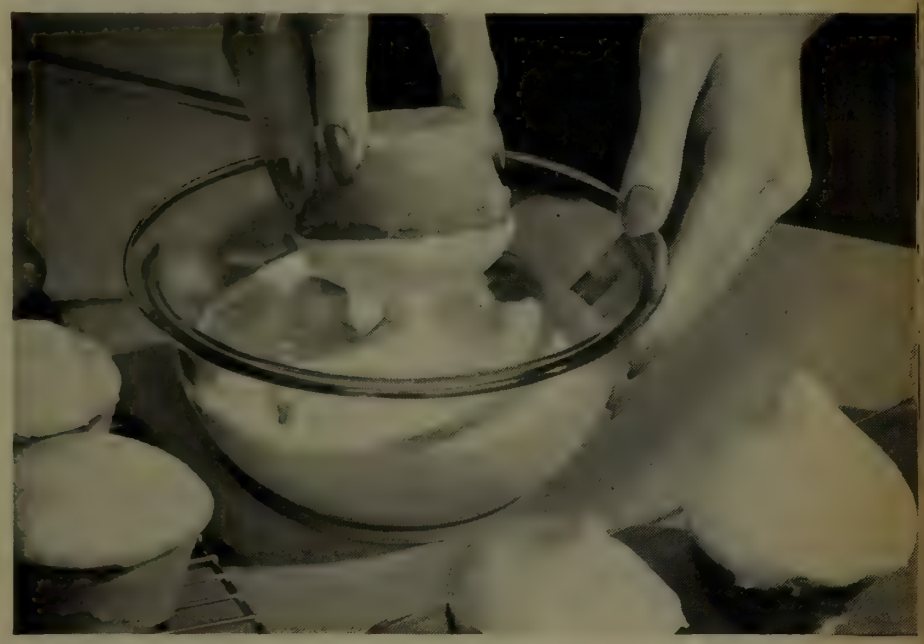
To cut rhubarb. With a sturdy knife slash a whole bunch of rhubarb or asparagus into even lengths—as shown in the picture. A stalk at a time saves no time



To make biscuits. Pat or roll biscuit dough on cooky sheet. Cut in squares, spread apart, bake as usual. These make good shortcakes for creamed chicken



o make rolled cookies. Form cooky dough in balls, place on cooky sheet. Flatten ith a tumbler dipped in granulated sugar. Each ball should be uniform size so cookies ill bake evenly. Use a measuring spoon to get same amount of dough every time



To frost cupcakes. Dip top of cooled cupcake into soft white frosting. Twirl it slightly, then quick turn it right side up so frosting will make a fancy peak. This way you can frost the cakes in easily half the time

Photographs: Wesley Bowman and Photography Inc.



To make layered salad. Use sliced peaches for ottom layer (they'll stay there) and sliced bananas or top (they float up). Chill in loaf pan. Slice to serve



To trim pie. Fit pastry into pan. Snip edges with kitchen scissors. Job is faster, trim is neater. For more pie-making speed, use packaged or homemade mix



To shell an egg. Cook eggs; cool quickly in cold water. Crack shells, then roll egg between palms till thoroughly crackled. Start shelling at air-pocket end

TIME-SAVING TOOLS

There's a faster way for each job

One way's fast, one way's slow. The tool makes the difference in the time the job takes

By Ida Ruth Younkin

Turn a clever kitchen tool on a tedious, minute-eating job and you can get your work done faster. That's what we've observed in the Tasting-Test Kitchen here at *Better Homes & Gardens*.

The pictures show the jobs, and the tools we depend on to do them. To make sure we hadn't fooled ourselves—that we do save time—we recorded the seconds and minutes the job took the old way and the new. So you see *two* pictures for each job, two ways to do that job. One way's fast, one way's slow.

The tool may be something as simple as a gravy maker or a nut chopper, a pair of tongs, or a special slicer. Whatever it is, a good gadget—the *right* tool—can make a big difference in the time your work takes. See if you have the tools we show here.

More time-saving tools, page 142

Put some pressure on the job. You'll get done faster





Pressure saucepan. Whole carrots, above left, take 12 to 15 minute even when started in boiling water. Pressure pan, above right, cooks them 5 or 6. That's slashing kitchen time half or more. See pressure pan uses, page

Measuring is quicker, more accurate with the kitchen scales





Scales. The fastest, most accurate way to measure shortening is by weigh This job took us 10 seconds with the scales, 22 with the cup. You'll use scal most during canning and freezing season. New scales come in kitchen colo

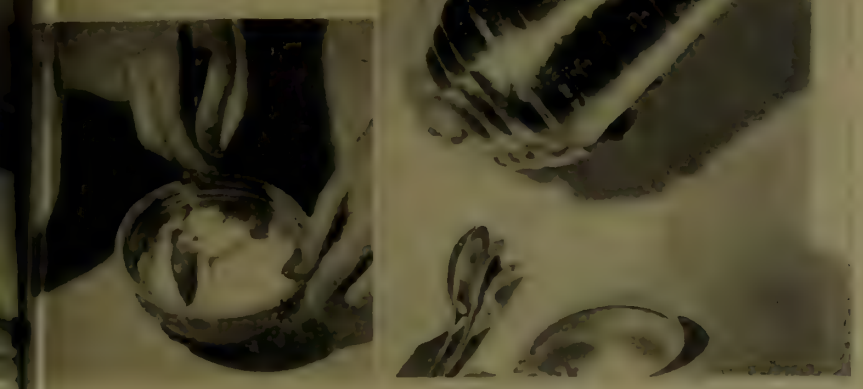
Measure coffee by the click—it's easier, you'll make better coffee





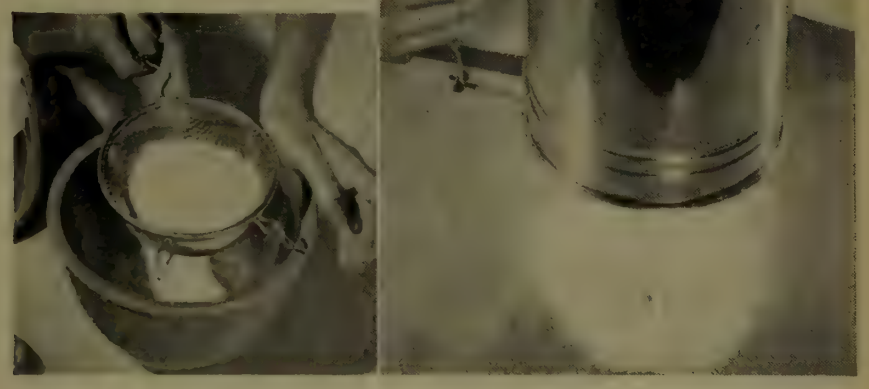
Coffee dispenser. Every click, above right, is an accurate measure coffee for one cup. Six clicks for six cups ticks off less time than the old, i accurate spoon measure at left. Use duplicate dispenser for sugar or cere

*'s old-fashioned
 use a bowl
nd a spoon for
avy making*



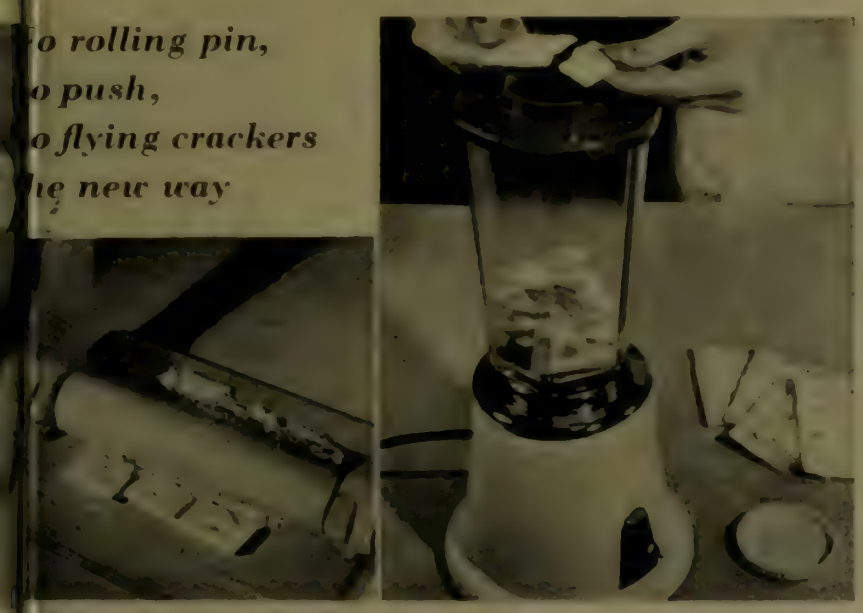
avy maker. This special shaker makes smooth gravy thickening. You put the water first, then the flour; then shake. You can use the shaker for starch-aking too. The bowl and spoon took 40 seconds, the shaker only took 12

*The sifter does
the job three
times, the
sieve once*



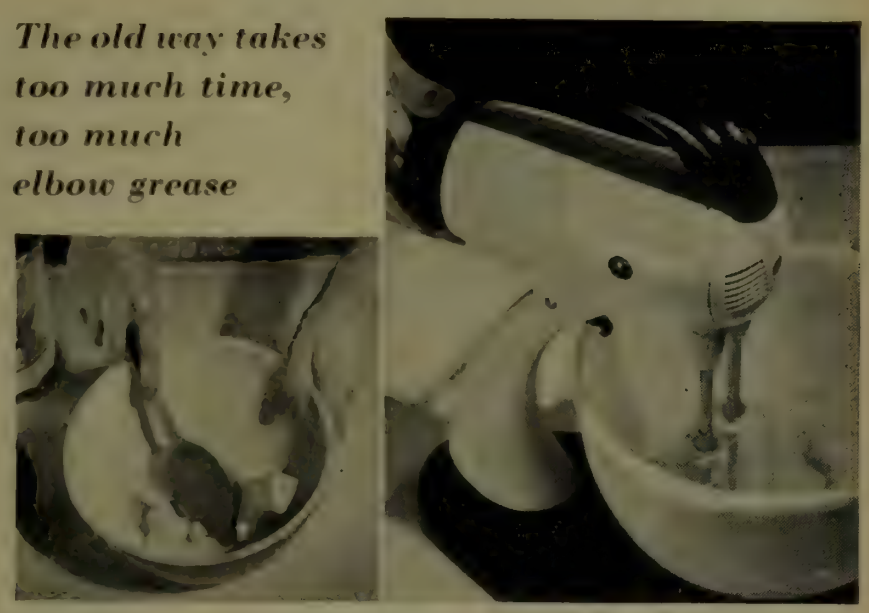
Triple sifter. Every hand squeeze, above right, means flour is neatly sifted three times. Every hand shake, at left, means flour is sifted only once, and then not as quickly and easily. A big item when you are making angel food cake

*o rolling pin,
o push,
o flying crackers
ne new way*



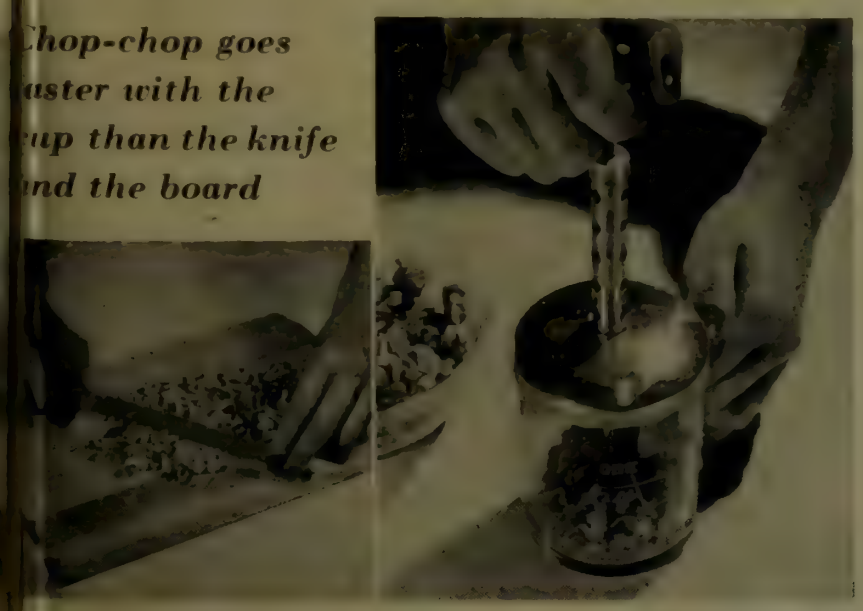
iquidizer. With rolling pin and push, you can crumb 12 crackers in ½ inute. Electric liquidizer does same job in only 5 seconds. It also speedily ates vegetables, chops cooked meats, shaves ice, blends delicious cool drinks

*The old way takes
too much time,
too much
elbow grease*



Electric mixer. Plug in the mixer and you can cream shortening and sugar for cake in 2½ minutes. It will take you, a wooden spoon, a bowl, and plenty of elbow grease nearly 5 minutes. Let mixer mash potatoes, beat frosting

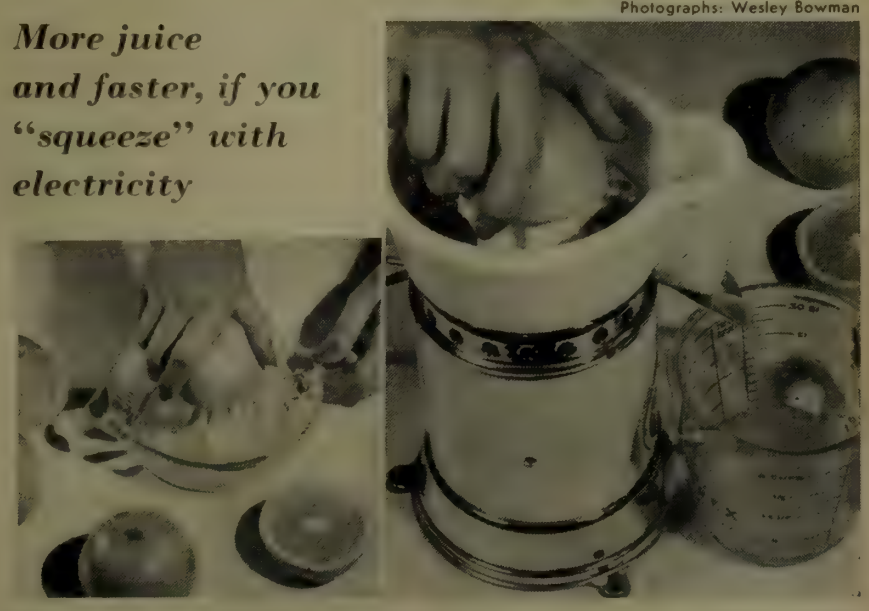
*hop-chop goes
uster with the
up than the knife
nd the board*



ut chopper. This gadget saves your disposition as well as your time. It eeps the nuts from skidding and it chops a half cup of them three times as fast s knife, chopping board at left. Once nuts are chopped, they're measured, too

Photographs: Wesley Bowman

*More juice
and faster, if you
"squeeze" with
electricity*



Electric juicer. Hand juicer slows down breakfast. A special juicer or attachment for your mixer does the job in seconds. And unless you're patient and thorough, electric way gets more juice. One's as easy to wash as the other

TIME-SAVING CARTS

Put your work on wheels

Who doesn't wish at times for another pair of hands, a third strong arm, brand-new feet? Perhaps all you really need is a willing set of wheels.

There's a whole new crop of serving carts, tables, and other devices—ball-bearinged, rubber-tired, useful standing still, but many times more useful when you make them collect and deliver, or place them to add surface when you need to move your work around. Here they are—on the job.

By Louisa M. Comstock

More on page 72



Upstairs maid. One round does it when you put your upstairs work on wheels. Here we pin a laundry bag onto the laundry cart to receive soiled linens. Count clean bed and bathroom supplies into cart—away you go!



Cleaning carry-all. See how merrily you ro along through cleaning with a shopping cart. Hitc on a rack for supplies, paper sack for assorted debr



Party-goer. On her birthday she can wheel i her own party. Tea cart has top tray to lift for passin



erving cart. Serving's a pushover when you collect each course by cart; silver here, dishes there, adding ot or cold food last minute, just before you make your grand, and unflurried, entrance into the dining room



Three-decker runabout. This lightweight roll-around is collecting all the flatwork crisp from the ironer, for one trip to shelf, drawer, and linen closet



Back in its garage, cart shown in photograph at left receives next-meal essentials as you dry dishes

otographs: Wesley Bowman

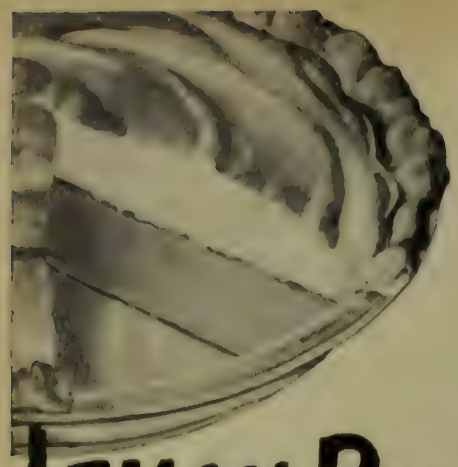


Kitchen expert. Use your serving cart to work on. What better spot for your small daughter, out of your way and at her own level?



Hostess helper. Cart isn't too big for twosome dining, is big enough for informal serve-yourselves for a crowd. Once you've set it up and rolled it in, the work part is over; the fun begins

Where to get it, page 127



LEMON PIE quick-easy!



PERFECT every time!



Make the flaky Good Luck crust this easy way—Even if you never made a pie before, you can't miss with Good Luck Pie Crust Mix! Quick, easy to make tender, flaky crust every time. Special pastry flour . . . highest grade hydrogenated vegetable shortening that ensures perfect freshness.

Make the Good Luck filling in less than 10 minutes—Good Luck has all sugar added! So easy . . . so quick . . . in only a few minutes you have a luscious creamy filling that's just the right consistency, has that delicious "fresh-lemon" taste. Made from a real New England recipe Good Luck is neither too thin nor too stiff.

Good Luck Food Co., Inc., Rochester, N. Y.
Subsidiary of The R. T. French Company

Another fine French's product

Put your work on wheels

Begins on page 70

You'll find carts in all sorts of materials: metal, wood, composition, glass, and combinations thereof. And they come in as many sizes, from the little one-square-footer that delivers beverages to the side of your chair and stands by in the sickroom, to slim three-shelf collapsibles, which look and act like the cart that makes the restaurant bus boy so efficient.

Make your faithful laundry or shopping cart do more lifting and carrying. Have you thought, for instance, of using a cart to encourage the children to pick up their own toys?

Kitchen cabinets come on wheels, too—see below.



Cabinet on wheels. Wheels grant this end cabinet a double life. At rest, top folded, casters locked, it does its expected job of adding work and storage space (left). Unlock the wheels. Open the top to double working space. Use it (below) to extend and position working area, to roll jobs from one point of activity to the next, and for a one-load put-away when all the dishes are done



ADD Zip— to your favorite salad dressing

WITH Colman's Mustard



Here's a quick easy trick that gives salad dressing extra flavor and dash — the zesty tang men prefer

Blend two teaspoonfuls of Colman's (dry) Mustard with a little water. Then add it to an 8-oz. jar of your favorite prepared salad dressing. Equally good with prepared mayonnaise or French dressing. Try this flavor trick tonight!

THE FAMOUS DRY MUSTARD used by fine cooks everywhere

FREE!
Recipe Book
"Dining Delights"
Send name, address to The R. T. French Co., 1521 Mustard St., Rochester 9, N.Y.

BUFFET SUGGESTION

Hamburger Special

WITH THAT FRENCH'S FLAVOR

1½ lbs. ground chuck beef
1½ teaspoons salt
2 tablespoons minced onion
2 tablespoons French's Mustard
1 egg
¼ teaspoon pepper

Knead ingredients together thoroughly, pat into cakes and broil.

Spread halved tomatoes with a mixture of equal parts of mayonnaise and French's Mustard and broil with hamburger. Serve with boiled onions glazed in a little brown sugar and butter.

Serve these extra special hamburgers to the family for dinner tonight. See if they don't ask for "seconds"!



Largest selling prepared mustard in the U.S.A. today!

Also made in Canada

So good – so good-looking – so much help!

Want to make a simple meal superb? DEL MONTE Fruit Cocktail has just the flavor that can do it!

See these 3 easy ways—





Sparkling Starter: *(left)* Nicely chilled DEL MONTE Fruit Cocktail.

Cottage Clover Salad: *(below)* DEL MONTE Fruit Cocktail arranged on cottage cheese and crisp greens.

FIVE-FRUIT DELIGHT
(Illustrated above)

Dissolve **1 pkg. lemon, orange or lime-flavored gelatin** in **1 cup hot water.** Drain syrup from **1 No. 303 can DEL MONTE Brand Fruit Cocktail.** Add **water to syrup to make 1 cup;** stir into gelatin mixture. Chill till syrupy. Spoon drained fruit (approx. 1⅓ cups) into individual molds; add gelatin mixture; chill till firm. Unmold. Serves 4-6. Delicious with cookies and whipped cream. As an added festive touch for special occasions, serve with Walnut Wafers.

Walnut Wafers

6 tbsps. butter or margarine	1 egg
	½ tsp. vanilla
1 cup brown sugar, firmly packed	6 tbsps. sifted flour
	1 cup walnuts, ground

Cream butter and brown sugar till light and fluffy. Add egg, vanilla, dash of salt. Beat well. Stir in flour, nuts. Drop from teaspoon, 3 in. apart, on well-greased cooky sheet, 6 at a time. Bake about 7 min. in moderate oven (350°F.). Yield: 4-5 doz. (Dough will keep several days in the refrigerator.) If desired as cornucopias, loosen cookies from sheet while still soft; roll around finger in cone shape. If they get too crisp to roll, return to oven till again pliable. Cool on rack; fill with whipped cream if you like.

Handiest meal-brightener around! Best you ever tasted! That's DEL MONTE Brand Fruit Cocktail.

Just serve it "as is" for a sparkling first course, a gay salad or dessert. Easy? Easiest thing ever!

Now! Add even a small amount to such everyday foods as gelatin or cottage cheese. See how they "come to life!" Then you'll know for sure what it means to have a cocktail of fruits with DEL MONTE flavor—really ripe and luscious. *That's* why it goes so far and adds so much.

Ready-diced, ready-mixed in just-right flavor balance—DEL MONTE's kind of fruit cocktail offers you extra help in the kitchen, extra glamour at the table. Best way is to keep several cans handy. Ask for DEL MONTE Fruit Cocktail — let its flavor go to work for *you*.



Del Monte FRUIT COCKTAIL

...w to make a *perfect* lemon pie



...EMON MERINGUE PIE

7 tbs. cornstarch	2 cups boiling water	2 tbs. butter or margarine
1½ cups sugar	3 eggs, separated	1 tb. grated lemon peel
½ tsp. salt	¼ cup lemon juice	1 pkg. Pillsbury Pie Crust Mix

...ombine cornstarch, sugar, salt. Add ...e water. Cook until thick, stirring ...onstantly. Cover and place over boil...ng water for about 10 minutes, ...tirring occasionally. Beat egg yolks ...lightly, add a little of the hot mix...ure, stir and pour back. Cook 2 min...tes, stirring constantly. Remove from ...eat and stir in lemon juice, butter or ...margarine and grated peel. Cool to ...oom temperature without stirring. Pour into cooled baked pastry shell made with Pillsbury Pie Crust Mix.

Meringue: Add 1 tsp. lemon juice* to 3 egg whites, beat until just stiff enough to hold peaks. Sprinkle with 6 tbs. sugar, one at a time. Beat until glossy after each addition. Pile lightly on pie. Bake in moderate oven (350°) until lightly browned, about 15 to 20 minutes. Cool.

*The lemon juice assures a tender meringue.

...nothing you can serve that will win more ...om family or guests than a fine lemon pie! ...*can make a perfect one!*

...ng experience with lemon pie recipes in ...kist Kitchen, our Home Economists have ...exactly what the hazards are in lemon pie ... They're easy to avoid. To make a perfect ...ply watch these points:

...n't change the recipe.

...parate eggs carefully. Absolutely no yolk ...the whites.

...n't remove filling mixture from heat while ...ding beaten egg yolks.

...ol filling to room temperature without stir...g before pouring into cooled baked ...ell. Never cool filling in refrigerator.

...ve egg whites at room temperature.

6. Add sugar *very* slowly to egg whites.
7. Pile meringue lightly on pie from edge to center. Make sure meringue touches crust.
8. Cool away from drafts about two hours before serving.
9. Cut pie with wet knife and meringue will cut easily.

NATION-WIDE LEMON PIE EVENT!



Start your lemon pie *right*—with Pillsbury's wonderful Pie Crust Mix and fine, juicy Sunkist Lemons—now on special together at food stores everywhere. Get yours today, and for dinner tonight proudly serve the finest lemon pie you ever made!



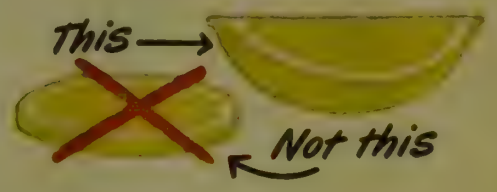
Fresh California
Sunkist Lemons

Good ideas from the Sunkist Kitchen



You *know* how much more zest there is in tomato juice when you squeeze lemon in it. A wedge of lemon is standard equipment with tomato juice served in restaurants. Give tomato juice that extra zip at home, too. It's so easy!

Just adding lemon makes *all* juices 100% more appetizing. Be sure to try it with those especially bland ones, apple, pineapple, pear and prune juice. Adds sparkle, like sunlight on the breakfast table.



Flat slices of lemon are hard to squeeze, and provide less lemon than people want. Wedges are easy to get hold of and supply much more juice, more flavor. Try squeezing lemon on carrots, beets, cabbage, spinach, asparagus. Delicious!

Fish and sea food need those generous wedges most of all. Serve plenty! They're so decorative, too.

(By the way, do you know the wonderful trick of *rubbing fish with lemon juice before cooking?* It's the perfect seasoning—and banishes fish odor! Rub inside and out.)



Fresh Lemons Provide Very Special Health Values

Fresh lemons not only supply valuable amounts of vitamin B_1 but also rare vitamin P, and are among the *richest known sources* of vitamin C. Essential for youthful energy, sound teeth and gums, vitamin C is absent from most foods, scarce in most others. *You need it daily.* Fresh lemons are important. Whenever you add lemon, you add health.



Are you, perchance, one of those rather rare people who don't use lemon in tea? Eight out of ten do! Remember to serve lemon with tea to your guests—always. That delightful aromatic tang of lemon adds so much to tea. Bet you'll like it yourself!

Lemons help in so many ways! You need them every day. Remember them when you shop!

For the best lemons, get Sunkist in trademarked wrappers. Finest and juiciest from 14,500 cooperating California and Arizona citrus growers.

For scores of wonderful new recipes, and ideas that make good foods better and housekeeping easier—*send for the famous Sunkist Lemon Recipe Book.* Free. Just write Sunkist, Sec. 5205, Box 2706, Terminal Annex, Los Angeles 54, California.

Here's Lively Flavor and Goodness no single juice can match!

IT'S V-8...A DELICIOUS BLEND OF 8 GARDEN-FRESH VEGETABLES



V FOR VITAMINS
V FOR VITALITY
V FOR V-8

Anne Baxter
Starring In
"YOU'RE MY EVERYTHING"
A 20th Century Fox
Technicolor Picture

V-8* is a delicious blend of 8 garden-fresh vegetable juices. Each juice adds its own lively flavor. V-8 also provides Vitamins A, B, C—calcium and iron. So for lively flavor and goodness no single juice can match serve V-8 often. Your family will love it.

MADE BY THE MAKERS OF Campbell's SOUPS

EVERY GLASS OF V-8 IS A DELICIOUS BLEND OF
1. TOMATOES 5 PARSLEY
2. CELERY 6 LETTUCE
3. BEETS 7 SPINACH
4. CARROTS 8 WATERCRESS
KEEP A PITCHER OF V-8 ON THE TABLE

V-8 Cocktail VEGETABLE JUICES

V-8 is a trademark owned in the United States by Campbell Soup Company, in Canada by Campbell Soup Company Ltd.

TIME-SAVING PRESSURE COOKING

A pressure pa

By Tasting-Test Kitchen Staff

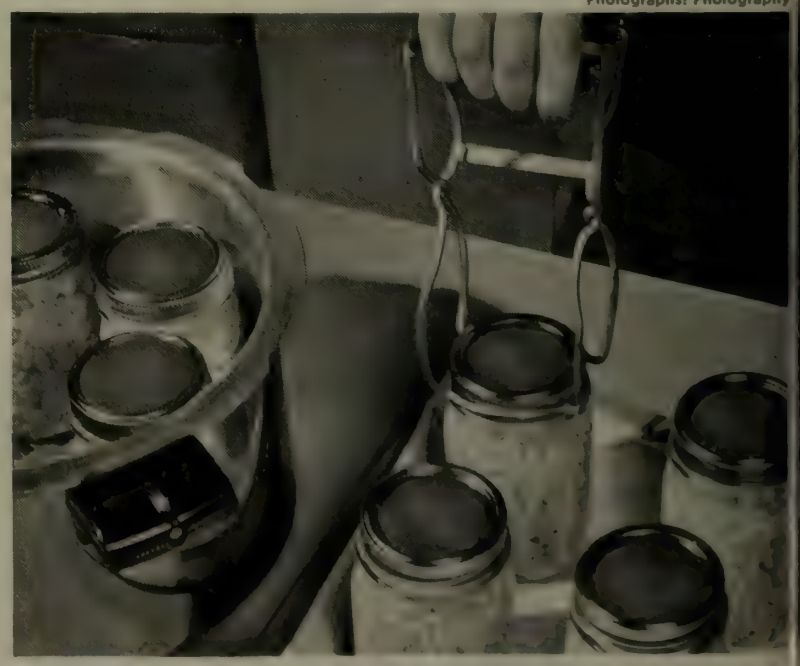
Sterilizes bottles



Use the rack and 1 cup water in the pan. Sterilize bottles at 15 pou pressure for 15 minutes. The pressure pan gives the high tempera needed to destroy harmful bacteria. To sterilize rubber articles, swa and bandages, place in a covered jar—as we did the nipples in pic

Cans

Photographs: Photography



You can process as many as 7 pint jars or cans, or 4 quart jars in larger pressure saucepans. Yet these same pans can be used to press cook small amounts of food and whole meals. Pressure canning must for such foods as corn, peas, and beans—the nonacid vegeta

oes these jobs, too

Here are 15 *more* jobs your pressure pan can do for you. You've discovered how fast you can fix a pot roast and cook vegetables. You can get a whole meal in 30 minutes when it used to take you 2 to 3 hours. But don't stop there. Look at the pictures and you'll see at least a dozen other ways you can put your pressure saucepan to work—every way saves time in the kitchen.

oks hot cereals



don't have to stir or watch when you cook cereal in the pressure . You can cook corn-meal mush in 10 minutes. Make a large batch use what's left over for crisp slices of fried scrapple or mush. Or if wish to cook only a small amount, cook it in a small bowl as shown

ooks large cuts of meat



6- to 7-pound ham can be cooked in the large pressure saucepan. comes out tender, moist, with little shrinkage. You could cover it with glaze after it finishes cooking, and brown it under the broiler or in a oderately hot oven, so it will have a baked flavor and appearance

Make him happy

Make it Lemon!





Easy, Quick...with the new

Pillsbury PIE CRUST MIX

and Fresh Lemons

Here's homemade lemon pie that's sure to make you the light of his life. You can't miss when you make it with the new Pillsbury Pie Crust Mix. (Recipe on package.) Light, flaky, rich-flavored crust plus the delicious tang of Sunkist lemons in the filling . . . and so easy. Nine full ounces in the package makes two big pie shells, or one big two-crust pie.

Pillsbury BEST XXXX Mixes

Tender, "short" crust—the light, flaky kind
Rich flavor of fine shortening
Mixes quickly. Soft, pliable—rolls out easily
Fast—fix while oven heats
Just add water, mix, roll out

© P. M. I.

You and Ann Pillsbury can make a great team

Ann Pillsbury has developed a new pie crust mix in *her* kitchen to save you time in *your* kitchen, and give you perfect results every time.



SAVE PILLSBURY EXTRA-VALUE COUPONS

Get valuable articles at real savings on Pillsbury coupon plan. Each Pillsbury package gives you extra-value coupons. Write for free booklet to PILLSBURY, Box 150, Minneapolis, Minnesota.

There's no other cereal like it!



CORN *for flavor and energy*

SOYA *for body-building protein*

"The Twin-Treat Breakfast"



Try this for nourishment*

For a breakfast that helps make you feel wonderful . . . start with crisp, delicious Corn-Soya with milk. This new, different cereal has stays-by-you nourishment. It guards against mid-morning letdown! CORN brings you lively flavor and keeps-you-going energy. SOYA brings you more body-building protein* than in any cereal. And you get whole-grain vitamins and minerals. Buy some at your grocer's.



* The protein value of one ounce (2/3 cup) of Corn-Soya with four ounces of milk equals that of one egg with three slices of bacon. It's real nourishment and real economy.

Jobs for your pressure pan

Begins on pag

Meat loaf



Mix your favorite meat loaf, divide it into two loaves. Roll ec bread crumbs, brown on all sides in hot fat in pressure pan or s Cook at 10 pounds pressure 20 minutes. Cook vegetables at sam

Steamed pudding



Now you can steam the pudding while you get the rest of dinner job is shortened that much. Use jelly glasses, coffee cans, or any tainer which fits. Mold shown was designed especially for pressure

Whipped potatoes



Use milk in place of water and add about ½ cup more than the an you usually use for pressure-cooking potatoes. This way every food value is saved. Season and whip the potatoes right in the

More on pag

The Steak is Swiss

The Cost is Scotch

with . . . .





The wonderful cooking sauce from California!



STEAK is something to *yodel* about
you cook it with rich, spicy Hunt's
Sauce!

use Hunt's is the *Kettle-simmered*
sauce — richer, smoother, *extra*
. And what a bargain! . . .

kes more than four red-ripe toma-
make one can. It's *all* tomato — no
fillers. Yet Hunt's costs you less
lf the price of a can of soup!

And what a work saver! Just open the can. Hunt's Tomato Sauce is ready to cook into your stews, spaghetti, soups, meat loaf, casseroles, leftovers.

So, if it's *flavor* you're hunting . . . *Hunt* — for the best. For a few cents a can!

* * * * * * * * * * * * * * * * * *



Want a quick dessert? Ahhhh . . .
HUNT'S HEAVENLY PEACHES
at down-to-earth prices!

Guaranteed by Good Housekeeping
IF NOT AS ADVERTISED THEREIN
REPLACEMENT OR REFUND OF MONEY

Swiss Steak — Hunt Style

1½ lbs. beef round, chuck, or rump **Flour**
1 medium-sized onion, sliced **3 tbsp. chopped green pepper**
3 tbsp. fat **1 can Hunt's Tomato Sauce**
1 cup water **1½ tsp. salt** **¼ tsp. pepper**
1 tsp. Worcestershire sauce

Pour flour into steak and pound it in with edge of plate. Cook onion and green pepper in fat until tender. Brown meat on both sides in fat. Add delicious, spicy Hunt's Tomato Sauce, water, salt, Worcestershire sauce, and pepper. Cover and simmer about 1½ hours or until meat is tender. Your family will *rave* . . . and you will *save!*

Hunt-for the best

Hunt Foods, Inc., Los Angeles, California

Only Real Mayonnaise
is good so many ways!



Peachy in Peach Salads. Best Foods or Hellmann's *Real* Mayonnaise enhances the flavor of any fruit. Smooth and rich, full-bodied and flavorful, this delicious mayonnaise is *so right* so many ways. Try *Real* Mayonnaise with California cling peaches.

So rich and pure, you can thin it, vary it, serve it as a spread, or a sauce. It's *so* good, so many ways. Unlike "salad dressing," Best Foods or Hellmann's contains no starchy filler . . . doesn't turn watery when thinned or varied. It's rich as only *real* mayonnaise can be.

HELLMANN'S
Real
Mayonnaise
BEST FOODS

← IN THE EAST
↓ IN THE WEST



Jobs for you

Frozen vegetables



Let frozen vegetables thaw for about ½ hour before cooking them the pressure saucepan. Pressure-cooking keeps the color and flavor the vegetables by cooking them fast and in a small amount of wa

Dried fruits



This dried fruit compote cooks without pre-soaking the fruit. Comb 2 cups water, 1 cup each dried prunes and apricots, ½ cup drai pineapple chunks, ¼ cup pineapple juice, ½ cup seedless raisins, cup sugar, 1 tablespoon lemon juice, ⅛ teaspoon cinnamon. Let p sure come up to 15 pounds, remove from heat, let pressure drop to z

Shrimp



Add ½ cup water to shelled or unshelled shrimp, add a stalk of cel cut up, and a generous shake of pickling spices. Then cook 5 min at 10 pounds pressure. This way there's no fishy odor in the kitc

ressure pan *Continued from page 80*

rd-cooked eggs



can hard-cook eggs in half the time. And you'll be surprised at easily the shells come off. Use ½ cup water. Cook at 5 pounds ure for 8 minutes. Cool cooker immediately under running water

nked" custard



ard can be cooked top-of-range now and have the same texture hat you bake in the oven. Fill 4 greased custard cups with custard ture. Cover with waxed paper or aluminum foil. Place in pressure cepan with enough water to cover the bottom of the pan. Cook cus- at 10 pounds pressure for 7 minutes. Let pressure drop naturally

icken



s pressure saucepan has a large browning surface so it's easy to brown d then pressure-cook two chickens, cut into serving-size pieces

More on next page



IT'S A SWANS DOWN

"Guessing-Gone" Angel Food!

You—an angel food artist?

No kidding—it's easy when you follow this recipe exactly!

No guessing how much to *beat* as you add sugar . . .

No guessing how much to *fold* as you add flour . . .

Count strokes, follow the recipe exactly . . . and the result will be —glory-garlanded angel food!

- **Simple and Sure!** Swans Down's "count-stroke" method!
- **Tried and True!** Recipe pretested by *home* cakemakers!
- **A "Must,"** of course—Swans Down's superfineness!

"GUESSING-GONE" STRAWBERRY ANGEL FOOD

A new Swans Down recipe—proved perfect by new brides in home kitchens

Preparations. Let eggs stand at room temperature an hour or two before using. Start oven for moderate heat (375°F.).

- Sift flour once before measuring. (Be sure it's superfine Swans Down for "Guessing-Gone" results!) Lift by spoonfuls into cup until piled high, then level off by drawing spatula or straight knife across top. Do not pack or shake down. Sift sugar also.

Measure into sifter:

1 cup plus 2 tablespoons sifted Swans Down Cake Flour
½ cup sifted granulated sugar

Measure into large mixing bowl:

1¼ cups (10 to 12) egg whites—at room temperature
¼ teaspoon salt

Have ready:

1¼ teaspoons cream of tartar
1 cup sifted granulated sugar
1 teaspoon vanilla
¼ teaspoon almond extract

- ***Now—Swans Down's "Count-Stroke" Part!***

1. Sift flour and ½ cup sugar together four times.

2. Beat egg whites and salt with flat wire whisk or rotary egg beater until foamy. Sprinkle in cream of tartar and beat until stiff enough to hold up in soft peaks, but still moist and glossy.

3. Add the 1 cup of sugar in 4 additions by sprinkling 4 tablespoons at a time over egg whites and beating 25 strokes by hand or 25 turns of beater each time. Add flavorings and beat 10 strokes by hand or 10 turns of beater.

4. Add flour-and-sugar mixture in 4 additions, sifting it over egg whites. Fold in each addition lightly with whisk or spoon, turning bowl gradually and using 15 complete fold-over strokes each time. After last addition, fold 10 to 20 extra strokes.

Baking. Turn into ungreased 10-inch tube pan. Bake in moderate oven (375°F.) 30 to 35 minutes.

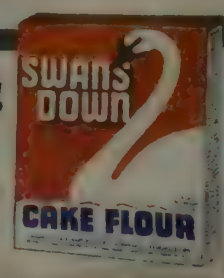
Cooling. Remove from oven and invert pan on rack until cake is cool (1 hour). To remove cake, loosen from sides of pan with spatula and around tube with slender knife, gently drawing cake from pan.

Serving. Spread cake thinly with Strawberry Icing made by mixing 2 cups sifted confectioners' sugar, 2 teaspoons lemon juice, dash of salt, and ¼ cup crushed or sieved strawberries (quick-frozen or fresh.) Cut cake in thin wedges.

(*All measurements are level.*)

A Product of General Foods

No wonder most women choose Swans Down





Have You Heard!

The "CUSH-N-FLO" Seal means easier, surer home canning!

Kerr exclusive "CUSH-N-FLO" Seal is the *wonder* of modern home canning. There's nothing like it! No retightening of caps necessary, *no* burned fingers. Insist on Kerr Mason Jars, Caps and Lids for the best home canning results—and get 3-way protection!



ONLY KERR LIDS are *gold lacquered* on both sides... food-acid resistant. Won't crack or flake off. Look for KERR CAPS AND LIDS in the yellow and black cartons.

ONLY KERR LIDS have the "CUSH-N-FLO" Seal—a thick, gray cushion that seals as it cools. No retightening of caps necessary.

"SNUG-TITE" FIT—because Kerr lids hug sealing surface of jar, giving an airtight, effortless seal.

KERR SEAL TEST. Just tap lid after jar is cold...clear "ring" tells you instantly that jar is perfectly sealed.



KERR Mason Caps and Lids, the "SELF-SEALING"* Brand, *fit all Mason Jars. No rubber rings.* **Proven for 47 years—world's largest selling brand.**





*Trade Mark Reg. U. S. Pat. Off.

FREE.....

MRS. RUTH KERR, President
KERR GLASS MFG. CORP.
507 Main St., Sand Springs, Okla

Dear Mrs. Kerr: Please send me your **FREE** booklet, "Let's Eat Home Canned Foods" and 100 **FREE** jar labels.

Name _____

Address _____ RFD _____

City _____ Zone ___ State _____

Kerr
MASON JARS-CAPS-LIDS
"SELF SEALING"* BRAND

Jobs for your pressure pan

Continued from preceding p

Creamed vegetables



Add 3 cups fresh vegetables (or 1 package frozen) to 1½ cup milk. Blend 2 tablespoons soft butter, 3 tablespoons enriched ¾ teaspoon salt, dash of pepper. Add to vegetable (you don't to stir it in). Cook at 15 pounds pressure, using regular pressure-co time for that vegetable. Cool pan under running water, then stir m over low heat until well blended and thickened. Sauce is creamy sn

Spaghetti sauce



Long-time simmering for spaghetti sauce is a thing of the past i have a pressure pan. For a meatless spaghetti sauce to serve 6 Combine ¼ cup olive oil, 3 cans tomato paste, 1⅓ cups wa teaspoon each thyme, sage, and pepper, 2 teaspoons salt, 1 sma sliced mushrooms, 1 cup each chopped onion and green pepper, spoon ground garlic. Cook 25 minutes at 10 pounds, or 20 minutes

Redecorating? Refurnishing?

Tell us about it

Does the interior of your home rival the interiors shown in *Better Homes & Gardens*? Tell *Better Homes & Gardens*. Proud of a remodeling you've worked? Tell us. Better still, if you're planning to redo your living room, work a miracle with closets, an entrance hall, a dining room, or a bedroom, take a few "before" snapshots and send them to us with a brief description of what you tend to do. It may be that friend or neighbor has work wonders with his home; if y think it contains ideas readers can use, write us. dress, Home Furnishings E tor, *Better Homes & Gard* Meredith Building, Des Moi 3, Iowa. Editorial rates will paid for articles and pictu meeting editorial requirem

SO MUCH for so little—in this G-E "SPEED COOKING" Range!

All these joys—wonderful meals, automatic timing, gleaming cleanliness, superspeedy units, peace-of-mind safety—at a joyously low price! Of course, it's electric!



NOW YOU CAN have all the advantages of General Electric "Speed Cooking" at a *real saving!*

For the new General Electric "Airliner" brings you this fast, clean, safe, oh-so-easy electric way to cook—at a price that's surprisingly low! Plenty of time-saving, worksaving features—just look . . .

Automatic Oven Timer—Cooks whole meals while you're away. Wonderful timesaver for you!

Calrod* Units—*Really fast* units that put the "speed" in "Speed Cooking"! Five heats, one for every need.

Easier Cleaning—Sloping back makes cleaning faster than ever. A quick swish of the cloth is all it takes.

No-Stain Oven Vent—Removes grease from oven vapors, helps keep walls, curtains bright. Gives proper humidity in oven, for grand baked foods.

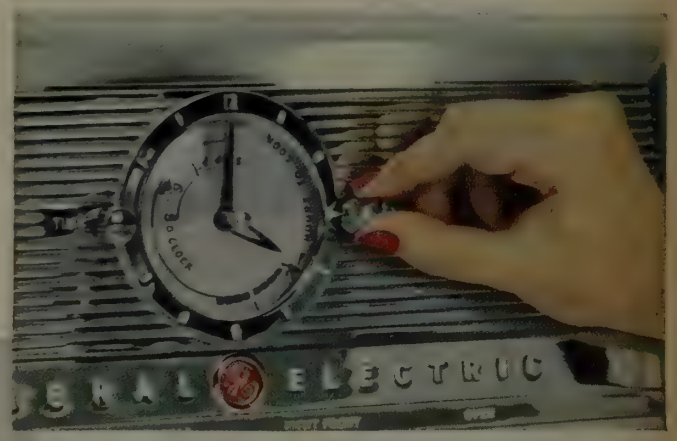
Appliance Outlet—Controlled by the Automatic Timer. Can start your morning coffee by itself!

Storage Drawers—Three big-and-roomy ones! Easy-gliding. Rounded ball corners make cleaning a cinch!

Master Oven, Thrift Cooker—Read about them below. Then see *all* these "Speed Cooking" wonders—now, at your G-E retailer's. General Electric Company, Bridgeport 2, Connecticut.

*Trade-mark Reg. U. S. Pat. Off.

"Airliner." A beauty, isn't it? Also ask to see General Electric's sensational new push-button range, the "Stratoliner." Gives all the wonders of "Speed Cooking"—*just by pushing buttons.*



Dinner cooks itself! General Electric's Automatic Oven Timer watches over a meal—turns oven ON and OFF—*automatically.* And imagine getting this de luxe automatic device on a G-E low-price electric range!

UTOMATIC ELECTRIC
PEED COOKING"
RANGES



The size of that oven! General Electric's Master Oven (with Calrod bake unit) is really huge—can hold a 30-lb turkey! Includes a waist-high Super-Broiler, for those man-favorite broiled meals. Counterbalanced oven door "stays put."



45 thrifty uses! General Electric's Deep-Well Cooker is convenient, economical. Lets you prepare a whole delicious meal at once—and for *pennies* in current cost. Perfect for baked beans, steamed puddings, stews, dozens of other dishes.

Remember—you can put your confidence in General Electric

GENERAL ELECTRIC

Cooking rice
is not an art,
Known only to
Chinese,



Our bright girls
buy
RIVER BRAND,
And serve it up
with ease!



Full weight packages and quick cooking tested recipes provide easy answers to menu problems. Rice is the delicious basis for breakfast, luncheon and dinner dishes to suit every taste.



The wonderful new rice you've been hearing about.

HOW TO COOK RICE RIGHT

save time and fuss . . . retain nutrients . . . use this simple, tested recipe

1 cup RIVER BRAND or CAROLINA BRAND Rice, 1 tsp. salt, 1½ cups cold water. Wash thoroughly in 5 or 6 waters and place in 3 qt. pot with tight fitting cover. Place over moderate flame and bring to vigorous boil. This should take 8-10 minutes. When steam and foam begin to escape, turn flame down lower and cook the rice until tender—about 20 minutes. All water should be absorbed. Keep in warm place until ready to serve. Serves 5 to 6.

This tested recipe and 6 others on every package of River Brand and Carolina Brand Rice.

Milled and packed by
RIVER BRAND RICE MILLS, INC.

Do they groan when you arrive?

By Teresa Ferster Glazier



When Cousin Will opens your letter at the breakfast table announcing your prospective visit, does his family burst into exclamations of delight or slump into groans? *If you'd really like to know, answer the following questions.* Your score will tell you how welcome you are among your friends as a house guest.

Do you let your hostess know you are coming, rather than surprising her in the midst of redecorating or on the day of her big bridge party?

Do you announce upon your arrival how long you intend to stay, rather than keeping the whole family guessing as to what plans they can make?

Do you slip easily into the family's plans, rather than expecting them to drop everything to take you sight-seeing or shopping?

Do you get up when the family does, instead of expecting a special breakfast since *you* are on a holiday?

If there is no household help, do you assume a share of the house or yard work so that your host and hostess won't be worn to a frazzle by the time you leave?

Are you thoughtful enough to suggest taking the family downtown for dinner occasionally to give your hostess a break?

Do you show your appreciation both in words and gifts, rather than unconcernedly accepting hospitality as your due?

In choosing a farewell gift for your hostess do you make sure it is something that she really *wants* and not just another horror to store in the attic? If you can't be sure, do you slip something into Junior's bank instead?

Do you remember to do little things to please each member of the family, such as taking Jackie to a movie, playing checkers with Granddad, presenting teen-age Bessie with some of that perfume she has been talking about?

Do you write a letter of appreciation *soon* after your departure, being explicit in recounting the enjoyment you have had?

Quite a job, being a good house guest! But the dividends are big, and the pleasure is really all yours. Give yourself 10 for each question you were able to answer in the affirmative. Then add up your score. Here is what your hosts say after you leave:

Less than 50—If Joe and Jane ever descend upon us again, we're going to put up a smallpox sign!
50 or 60—Thank goodness, that's over!
70 or 80—We're pretty tired, but it was good to see Joe and Jane.
90 or 100—What fun! If only they could have stayed longer!

here's a BONUS for you in Kelvinator

s you far more food space—because It's Cold Clear to the Floor!

"cold clear to the floor" makes a lifference. You get far more us- food space, because this new Kel- tor is *all* refrigerated. Actually, get 8½ cu. ft. within the shelf , plus 1½ *extra* cu. ft. in the Fruit hener zone. Complete with a huge Frozen Food Chest and Kelvinator's amazing Moist-Master refrigeration that keeps foods fresher . . . longer!

There's a Kelvinator for every family's needs. See your dealer. You'll find his name in your Classified Telephone Directory.





You Get a Giant Frozen Food Chest!

Here's room for full 50 pounds of packaged frozen foods and ice cubes. Now you can stock up on choicest frozen meats, poultry, seafoods, vegetables for days ahead. Keep ice cream by the gallon. Serve out-of-season treats the year 'round.



You Get Moist-Master Refrigeration!

Miracle Cold-Mist protects vital moisture in foods, secret of freshness. It's Kelvinator's *super-moist* cold . . . peps up salad greens, keeps the crispy-bite in celery. Uncovered left-overs keep moist and appetizing . . . even bread and cake stay deliciously fresh in this *super-moist* cold.



You Get Extra Cold Space!

There's a full *extra* 1½ cu. ft. of cold space in Kelvinator's Fruit Freshener zone! Keeps bulky fruits and vegetables . . . . or a case of soft drinks . . . taste-tingling cold and fresh.

u Get Far More, Because—

elvinator's huge Frozen Food Chest ls full 50 pounds of packaged frozen ls and ice cubes. Has *four* Speedy- e ice trays.

elvinator has extra-large space for eral food storage . . . plenty of room tall bottles.

elvinator's exclusive Moist-Master re- eration keeps uncovered foods fresher for days longer in its amazing *dewy-cold.*

- Kelvinator's famous penny-pinching Polarsphere is the dependable cold-maker. Sealed-in-steel and permanently lubricated.
- Kelvinator quality is *built-in* throughout! One-piece wrap-around construction. Rigid, cross-braced door. Plastic Cold-Ban door trim. Trigger-action, positive sealing door latch. And many other *exclusives!*

KELVINATOR, DIVISION OF NASH-KELVINATOR CORPORATION, DETROIT, MICHIGAN

GET MORE . . . Get cold clear to the floor . . .

Get Kelvinator

Like to take bows at the dinner table?



Then serve this gala salad with...

THE ONE AND ONLY

Miracle Whip



FRUIT BOUQUETS

It's not just the salad—it's the salad *and* the dressing that win those pleasing compliments. Miracle Whip Salad Dressing has a lively, just-right flavor that *millions* prefer. Different from any other salad dressing, it combines the qualities of zesty boiled dressing and fine mayonnaise. You'll *love* what it does for your salads!

Sliced pineapple	Sliced bananas
Curly endive	Strawberries
Sliced oranges	Miracle Whip

For each serving, place a slice of pineapple on endive. Cover it with a slice of peeled orange topped with 3 slices of banana. Quarter fresh strawberries and place between banana slices. Garnish with a whole berry and serve with Miracle Whip.



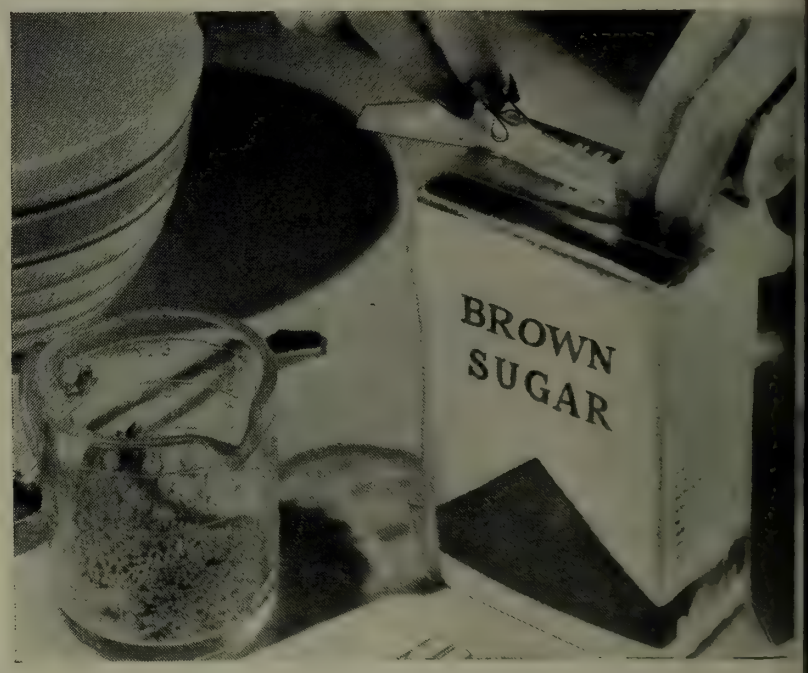
America's favorite! Miracle Whip out-sells the next 20 salad dressings combined!

Plastic bags do all this

They're among the handiest items in the home —and they've literally dozens of uses. Here and on the pages that follow are some of them

By Bernice Strawn

IN THE KITCHEN



Brown sugar. Place opened box in bag and fold over twice at t
Hold firmly with paper clips. Sugar will stay moist. You won't have
aggravation of finding dry, lumpy sugar when you get ready to b



Opened packages of frozen foods. Unused portion dries rap
and loses flavor unless protected. Place carton in bag. Fold under
ends. Keep in refrigerator freezing compartment or in your home fre

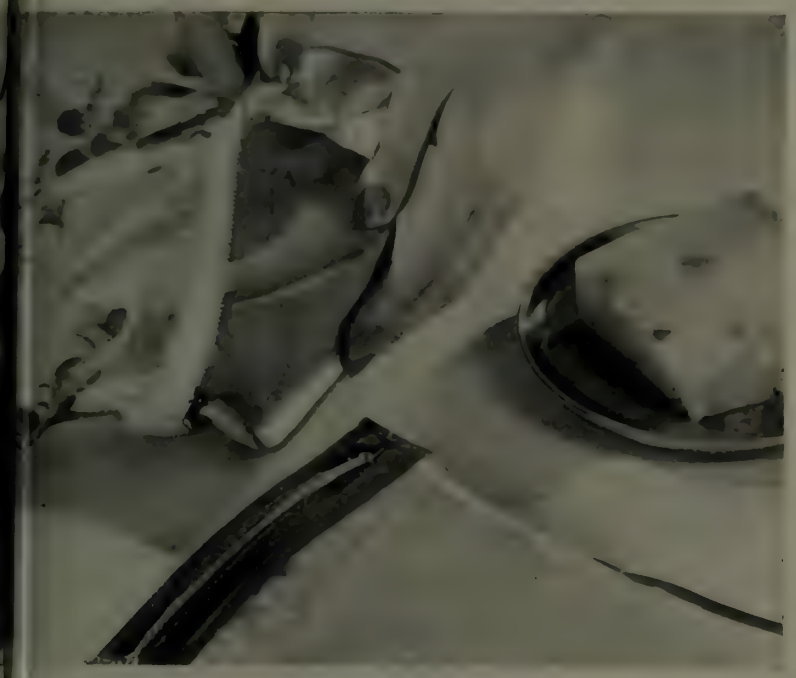
r you and more, too

can chuck many a household problem by getting inted with plastic utility bags. If you must stop to ff the china before it's fit for the table—or if at the inute you have to crisp soggy crackers in the oven—akes your time and tries your good disposition. In c bags, these items and many others keep in top tion always ready for use.

isture doesn't go through plastic film. Dry foods dry and moist foods keep moist in these bags. ermore, you can see through most plastic films and what's inside.

re is information on how to use the bags, the types ble, and what they will hold.

More on page 91



g-odor foods in refrigerator. Place melons or cheese in hold moisture and odor inside. Bag zips tightly closed to prevent r of strong flavors to butter or to other foods in the refrigerator



over fowl or meat. Cool meat, then mold bag around it to out air. Store on refrigerator shelf. To keep food longer, seal bag y with tape, put in freezing compartment or in your home freezer

Fresh-Shucked Flavor



LOOK FOR THE GREEN GIANT ON THE LABEL

It's months away from shucking time and miles away from the old home farm, yet Niblets Brand whole kernel corn always holds that right-out-of-the-garden flavor. Breed of seed and packing speed—there's your answer. Off the ear and into vacuum cans while still fresh, tender, sweet and young. Fresh-shucked flavor without the shucks; corn-on-the-cob without the cob. Speak out for golden Niblets Brand whole kernel corn and don't take less for an answer.

Listen to the Fred Waring Show on NBC every Friday morning for the Green Giant

Niblets BRAND WHOLE KERNEL Corn

Minnesota Valley Canning Company, headquarters, LeSueur, Minnesota; Fine Foods of Canada, Ltd., Tecumseh, Ont. Also packers of Green Giant Brand peas.

© MVCCo. "Niblets" and "Green Giant" Brands Reg. U. S. Pat. Off.

Every Time You Set Your Table *USE A SIMTEX CLOTH!*

All SIMTEX Cloths are so attractive that your table can't help but look charming. For odd-hour snacks or family meals you can choose from SIMTEX hand prints (illustrated) or novelty weaves . . . or you can "go formal" and use a lustrous SIMTEX Damask in white or delicate pastel. Whichever SIMTEX Cloth you choose, it will be pre-laundered and color fast—and *thriftily priced*. Look for the SIMTEX label when you shop for yourself or for tasteful gifts for friends.

Guaranteed by Good Housekeeping

Now ready—1949 edition
"Table Talk for You, the Homemaker."
New ideas for all kinds of table settings. . . . Write for your free copy today!



SIMTEX MILLS (*Dept. B-5*)
40 Worth Street, New York 13, N. Y.
Division of Simmons Company
Makers of the famous BEAUTYREST Mattress

THE SIMTEX FAMILY OF PRODUCTS:
Tablecloths & Napkins • Bedspreads • Flannelette Sport Shirts • Nightwear Flannelette • Mattress Tickings • Furniture Fabrics

Plastic bags: Some have zippers, some have drawstrings

Begins on page 88

Purposely planned for your artistic taste are the colorful plastic bags with modern designs of fruit, plaids, and polka dots. If you prefer a clear view to the inside and bright colors, too, choose plain bags with gay bindings.

For some purposes bags of assorted sizes that close with a drawstring are just the thing. You can also get both large and small bags with slide fasteners. For frequent on-and-off-again use, the bags without any special closure serve a variety of purposes. Just fold over the ends or use clips which come with these bags. Any time you want a tighter package, seal with tape.

You can use plastic films in damp places without concern about mildew. There's no need to pamper them around the kitchen, either, because these new plastics shun grease and food stains.

Dousing in warm sudsy water cleans any plastic bag. Rinse them in clear water, then pat dry with towel—inside and out.

It's the everyday usefulness of these versatile bags that really counts. You'll find their utility extends to the entire household—and even to travel and sports.



read and rolls. Slip bread in, close tightly, and keep it in the re-erator. Bread will stay moist for days. If your family is small, you keep a loaf a week this way. You won't need to waste a single slice



resh vegetables. Raw vegetables stay crisp in plastic. Wash roughly, drain, slip into the zipper bag. Crisp relishes or leftover ooked vegetables, dish and all, may be zipped into bag for storage

More on page 93

When she's a baby-sitter herself...





...Frigidaire's 10-year Protection Plan will still be guarding this water heater!

Yes, the new Frigidaire Electric Water Heaters are so durable, so wonderfully dependable that Frigidaire can back them with a Protection Plan that lasts *10 full years*—more years than it takes to grow from babyhood to young ladyhood. Moreover, these water heaters are built to give you trouble-free service for years beyond that.

Secret of this longer life is a wonder-working magnesium rod. Whether the water where you live is hard, soft or in-between, this rod diverts corrosive elements from tank walls to itself, thus checking "pitting", rust and "red water."



The exclusive sickle-shape Radiantube Heating Unit is completely immersed—so it delivers *all* its usable heat into the water. There's no flame to tend, no soot problem—you can actually forget your Frigidaire Water Heater for months on end.

Choose from table-top or round upright models in 30 to 80 gallon sizes. See them now at your Frigidaire Dealer's. Find his name in Classified Phone Directory. Or write Frigidaire Division of General Motors, Dayton 1, Ohio. (In Canada, Leaside 12, Ont.)

Listen to Frigidaire's New Lum and Abner Show Sunday nights, on your Columbia Station.

FRIGIDAIRE
Electric Water Heaters

Easy trick for Bridge luncheon

—this quick, can't-fail coffee!



You play your trump card in the kitchen—when you prepare coffee this slick-trick way. Made right in the cup—every cup just right.

Yes, magically convenient! Just measure Nescafé* to suit each taste—add piping hot water and stir. Coffee's ready—and *right* every time! No guesswork for strength preferred. As easy to make for a crowd as to make a single cup.

Yes, magically fresh! With all the flavor, all the "lift" of freshly brewed coffee. Because Nescafé's choice, selected coffees *are* freshly brewed by experts. Then added carbohydrates *seal-in* all the goodness until you release it in the cup, *fresh every time.*

Why not serve wonderful, work-saving Nescafé for breakfast, lunch, *and* dinner? Get Nescafé today—in the regular size or big economy size jar.



NESCAFÉ makes coffee right— every morning, noon or night!



Serve Nescafé as your *regular* coffee—and save! Even a small jar makes about as many cups as a pound of ordinary ground coffee—*yet costs less in actual cash.*

BIG ECONOMY SIZE JAR SAVES EVEN MORE!

*Nescafé (pronounced NES-CAFAY) is the exclusive registered trade-mark of The Nestlé Company, Inc. to designate its soluble coffee product. It is composed of equal parts of pure soluble coffee and added carbohydrates (dextrins, maltose and dextrose) added solely to protect the flavor.

Plastic bags: They take care of off-season items

Continued from page 91

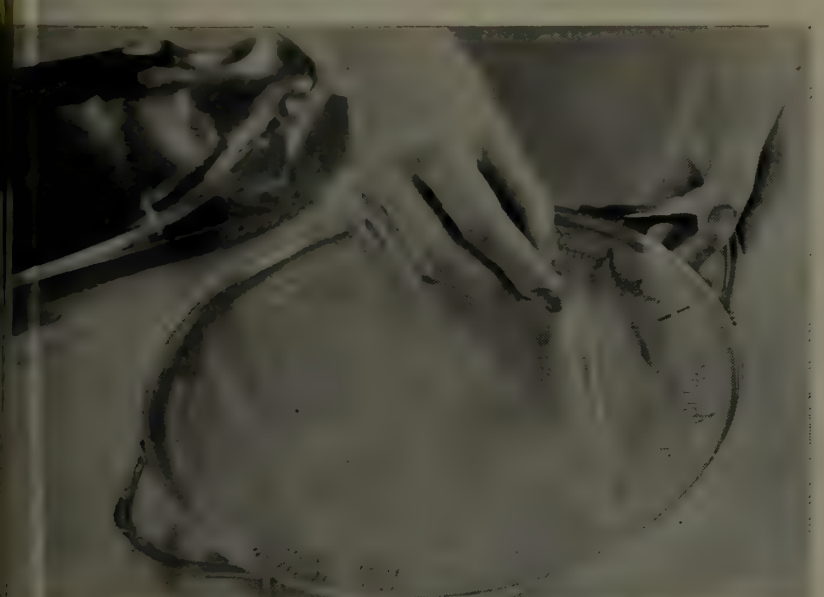
R STORAGE



lectric fan. Motor needs protection against dust and moisture g winter. So cover the fan and save yourself a dusting job, too. mmer bag can be washed and used for storage of woolens, below



oolens. Bag guards blankets, sweaters, and furs from moths and t in summer. Put moth crystals inside and close bag tightly. It has a zip- fastening. Plastic is transparent so you can easily identify the contents



y best silver. Store silver dishes and flatware you use only for spe- l occasions. Exclude all air possible to help prevent tarnishing. Seal ckage tightly with tape. Dishes will be visible on shelf but protected

More on next page

You'll love 'em in December

as you do in May



IT'S strawberry time—time to enjoy berries at the peak of the season. Naturally, your family delights in fresh variations. The heavenly one shown here is a de luxe "Strawberry Chiffon Pie", tempting and glamorous, made with KARO* Syrup. KARO brings out the luscious ripe flavor of strawberries, raspberries and peaches . . . gives your filling just the right degree of sweetness without masking natural juicy goodness.

Strawberry Chiffon Pie



1 envelope gelatin
2 tablespoons cold water
2 egg yolks
¾ cup KARO Syrup, Red Label
†1 cup crushed strawberries
1 tablespoon lemon juice
2 egg whites
⅛ teaspoon salt
2 tablespoons sugar
¾ cup heavy cream, whipped
1 9-in. baked pastry shell

Soften gelatin in cold water. Beat egg yolks slightly in top of double boiler; add KARO Syrup. Cook over boiling water, about 5 minutes, stirring constantly, until mixture thickens slightly. Add gelatin; stir until dissolved. Cool slightly. Combine strawberries and lemon juice; add to gelatin mixture. Chill until slightly thickened. Add salt to egg whites and beat until stiff but not dry; gradually beat in sugar. Fold in strawberry mixture; then lightly fold in whipped cream. Pile into baked pastry shell. Chill thoroughly before serving. Garnish with whipped cream and strawberries, if desired.

†Note: Raspberries or peaches may be used in place of strawberries.

*KARO is a registered trade-mark of Corn Products Refining Co., N. Y.

SEND FOR THIS NEW BOOK



FREE!





It can be Maytime in December, too. Just preserve or freeze berries and fruits at their ripe peak with KARO Syrup and sugar. KARO protects natural fresh flavor and color . . . gives your fruits a glorious gloss—so appetizing! For complete directions for canning and freezing with KARO, send now for your FREE KARO booklet, "Finer Canned and Frozen Fruits". Drop a post card to KARO, Dept. B, Box 647, Central Station, St. Louis, Mo.

There are three kinds of KARO: 1. Red Label (crystal white), 2. Blue Label (golden dark), 3. Green Label (maple-y flavor).

Let's bake Ginger Crisps!



VIRGINIA COATES
Home Economist

When you use spices, use full flavored spices —check your spice shelf frequently and replace half empty cans which are out of date and out of flavor. Durkee's Spices are fresh packed with full flavor and aroma. There is a complete assortment to add exciting new flavors all through your menu from soup to dessert. Durkee's Ground Ginger is one of the most popular spices in my kitchen. I depend on that keen, tangy ginger for good gingerbread, sauces and cookies. Here's my recipe for chewy confection-like cookies which I think you will like.

Ginger Crisps

⅓ cup Durkee's Margarine
½ cup brown sugar
½ cup molasses
1½ tsps. Durkee's Ground Ginger
½ tsp. grated lemon rind
1 cup all-purpose flour

Place margarine, sugar and molasses in heavy pan. Stir with wooden spoon over low heat until mixture is well blended. Remove from heat. Mix Ground Ginger and lemon rind with flour and add slowly to molasses mixture, stirring constantly. Drop mixture from teaspoon onto greased cooky sheets, 3 inches apart. Bake in moderate oven (350°F) 10-15 minutes. Cookies harden quickly, so allow pan to remain in oven while removing cookies, one at a time, with spatula. While still warm curl over handle of wooden spoon. Store in airtight container. Approx. 2½-3 dozen cookies.



For other interesting recipes, write Durkee Famous Foods, Department 5-G, Long Island, New York, Division of The Glidden Company.

QUALITY Glidden

Plastic bags: They trav



Sports equipment. Slip your tennis racket into bag to keep the s ing in top condition in season and out. Tape securely around ha Same goes for golf clubs, fishing rods, reels, and guns you want to

OUTDOOR FUN AND TRAVEL



Beach bag. Chuck wet bathing suit, cap, and beach shoes into when you're ready to go home. Use bag to keep belongings togeth the beach while you're swimming. Takes up little space, is neat to



Boating. Protect valuables from dampness or salt air while boat fishing. You can relax and enjoy yourself without concern for w wallet, keys, or jewelry. They'll be kept safe and dry, and in one

r stay home

Continued from page 93

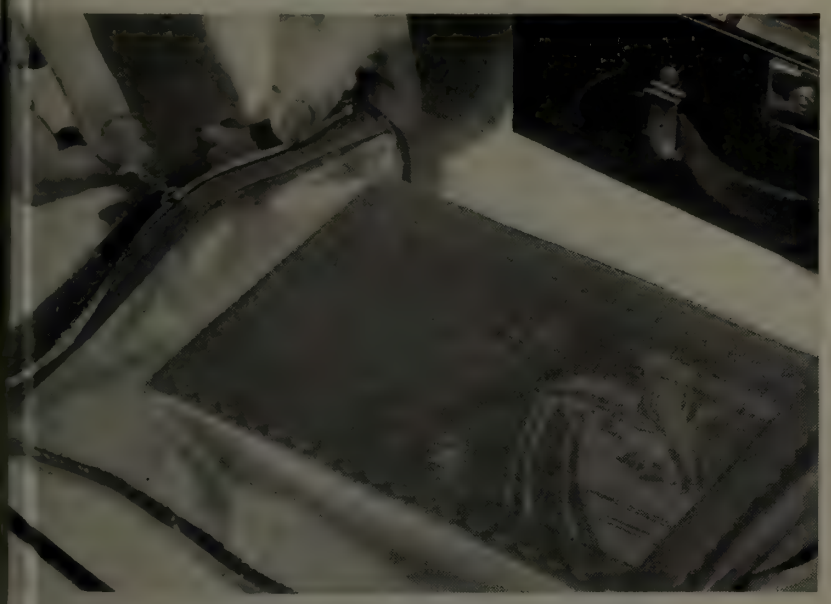


otwear. Cover shoes and rubbers with plastic bags. Then put in veling case without danger of smudging other clothing. Use also for ed laundry, for perfume and lotion bottles, and damp washcloth

TILL MORE USES



r ironing. Keep dampened laundry in plastic bag for one or two urs. All moisture is held in and distributed evenly through clothes better ironing. The gay, printed bag shown has loop for hanging



the rain. Keep schoolbooks, purse, or packages dry. Bag folds to most nothing, can be easily carried in pocket when not needed. Slip our purse in it, too, if you have to venture out into a downpour



It's the Frosting that makes the cake

and it's Durkee's Coconut that makes the frosting. There's nothing like it, to point up the goodness of your favorite cake. That rich, tropical flavor is always fresh, always dependable. Durkee's Coconut comes in two styles, shredded in the familiar carton, extra moist in airtight cans. So swirl it high on your frosted cakes for real party fare. One of my favorites is Coconut Maple Frosting. Recipe's above.

Coconut adds exotic flavor to so many foods. It's delicious in cold cereals and in waffles—as a topping for curried dishes and fruit salads, use it for a flavor lift for pies and cookies.



QUALITY Glidden PRODUCTS

For other interesting recipes, write Durkee Famous Foods, Department 5-G, Long Island, New York, Division of The Glidden Company.

© 1949 The Glidden Company

BREAD PUDDING
Becomes Company Fare Made With
SUN-MAID RAISINS



You can easily give your simplest desserts or salads a party look and *taste* by adding sweet, enticing Sun-Maid Raisins! They're preferred by good cooks everywhere! For sugar-saving Sun-Maids are always fresh—reliably rich in iron, calcium and phosphorus. Use Sun-Maids to perk up your puddings, cookies and rolls the thrifty, savory way!

FREE!
Recipe Book



For your 32-page book of delicious, economical raisin recipes, write Sun-Maid Raisin Growers of California, Dept. BH-19, Fresno, California.

FIRST CHOICE
for FLAVOR and ENERGY!

Frankly fancy

New trims with egg slices



Star. Cut egg slices into sixths. Pour a thin layer of lemon-flavored gelatine into mold. Chill until set. Arrange egg wedges as shown—they point in the same direction and they touch each other. Make a star in center. Pour a t layer of cooled gelatine over wedges. Chill until partia set. Fill mold with your favorite molded chicken sal

By Mary Lawton Wright

Your everyday salads and vegetables become party fare when you dress them up with egg slice designs. You cut hard-cooked eggs into slender circles or wedges. Then you make a pattern with the slices.

For attractive egg designs, place eggs in cold water; heat slowly to boiling. Reduce heat and simmer 20 minutes. Plunge immediately into cold water to prevent a dark ring around yolks. Now you're ready to make a design on the bottom of a mold, top of greens in the salad bowl or vegetable dish—see pictures.



Scallop. Cut oval piece from 8 egg slices. Pour thin tomc aspic layer in mold; chill till set. Line scalloped and ov sections around mold as shown. Cover with thin layer cooled aspic; chill till set. Fill the mold with tomato as

Photographs: Wesley Bown



Tulip. Cut wedge from 6 egg slices. Carefully remove wedge. Pour a thin layer of tomato aspic in ring mold; chill till set. Space egg slices as in photograph. Put thin curved strip of white from end slices in position for stem of flower. Add two short curved strips for leaves. Pour thin layer of cooled aspic over egg slices. Chill till partially set. Fill the mold with tomato aspic

More on page 98

CHIQUITA BANANA SAYS:

Try these with meat—

PAN-FRIED BANANAS



To Pan Fry
Use green-tipped or all-yellow bananas

Luncheon Surprise—Banana Peanut Butter Sandwiches

Bananas sealed by nature in a germ-proof package

Between-meal Pick-up Banana Milkshake!

How to make PAN-FRIED BANANAS

Peel all-yellow or slightly green-tipped bananas. Fry slowly in butter or other fat until tender . . . easily pierced with a fork . . . turning them to brown evenly. Sprinkle lightly with salt. Serve hot as a vegetable.

Cut bananas crosswise into halves or quarters before frying, if desired.

• • •

Pan-fried Bananas make an excellent dinner plate partner with fish, poultry, eggs, cheese and other vegetables.

Use all-yellow or slightly green-tipped bananas

UNITED FRUIT COMPANY

Mmm. Banana Shortcake! Cake, sliced ripe bananas and whipped cream!

Look what's in 'em:
Fruit sugars
Vitamins
Minerals

EASY DINNER MENU

Soup or Crisp Celery
Meat Loaf Buttered Carrots
Pan-Fried Bananas
Bread or Rolls
Apple Pie Beverage



Congo Squares

Rich, Golden-Brown Cousin of Famous Toll House Cookies — with a Very Special Flavor!

RECIPE

Congo Squares

Clip and Save This Recipe

2¾ cups sifted flour	3 eggs
2½ tsp. baking powder	1 cup nutmeats, broken
½ tsp. salt	
⅔ cup shortening	1 package Nestle's Semi-Sweet Chocolate Morsels (1 lb. pkg.)
2¼ cups brown sugar	

Mix and sift flour, baking powder and salt. Melt shortening and add brown sugar. Stir until well mixed. Allow to cool slightly. Add eggs one at a time, beating well after each addition. Add dry ingredients, then nutmeats and chocolate. Pour into greased pan about 10½" x 15½" x ¾". BAKE AT: 350° F. TIME: 25-30 min. YIELD: 48 squares.

When almost cool, cut into squares approximately 2" x 2".

For FREE Recipe Booklet write Dept. B., Nestle's Chocolate Test Kitchen, 60 Hudson Street, New York 13, N. Y.

Every Bite Contains WHOLE Morsels of NESTLÉ'S Semi-Sweet Chocolate



Congo Squares have all the crisp, crunchy goodness of Toll House Cookies with a taste you'll say is different and *extra* good. They're a pleasure to make and a pleasure to serve . . . so rich and satisfying, so appetizing in appearance. Delight your family's semi-sweet tooth with this appealing taste treat!

Have them on hand for every occasion

TOLL HOUSE® COOKIES Recipe for America's favorite cookie on back of yellow cellophane package. AT YOUR GROCER'S

New trims with egg slices

Begins on page 9



Fan. Slice a hard-cooked egg into circles. Place two slices near touching on top of a green salad. Put a third slice on top of ea pair so that the three slices give a fan effect. Loop a ¼-inch strip pimiento about 4 inches long in center. Place the pimiento loo at the base of the third egg slice to look like a ribbon on the fo



Daisy. Leave one whole egg slice for the center of the flower. Remove the white rims carefully from 6 or 7 other slices. Cut out ½-inch strip from each white ring. Add chopped leftover yolks and white to cheese sauce. Pour sauce over asparagus. Arrange the white strips around the whole center slice as in photograph above



Buttercup. Cut hard-cooked egg lengthwise in sixths. Pour thin lay of lemon-flavored gelatine in bottom of loaf pan; chill till se Arrange 5 wedges as shown. Cover with thin layer of cooled ge atine; chill till set. Fill mold with gelatine salmon salad. When sala is unmolded, garnish with sieved egg and thin green-pepper stri

Dream Kitchen?... No Ma'am!



It's an *American* kitchen

—STYLED IN STEEL AT NO MORE COST TO YOU THAN COMPARABLE WOOD CABINETS!

You'll feel as though you've learned to work magic—once you discover how easily and inexpensively you can arrange handsome American Kitchens units into a custom-designed "beauty winner" kitchen of your own! But it's really no trick at all . . . for they combine to fit kitchens of any size, any shape. And, because millions prefer them, American Kitchens can be mass produced at minimum cost . . . and offered you on easy monthly payments! *See them today!* And send 25c for 2 full-color booklets on prize kitchen treatments. Address American Kitchens, Dept. BH-5, Connersville, Indiana.

Start with Sink and Disposer

Your choice of 4 sink sizes—all with roomy storage compartments, non-splash aerator, push-button spray, divided cutlery drawer, cutting board and hidden cleanser rack!



Add Base Cabinets



Add base cabinets and Serv-Cart (under counter above) at your convenience—for a continuous, water-tight work surface plus storage space galore!

Then Wall Cabinets



Beautiful wall cabinets will complete your dream kitchen—giving you still more handy storage space—a magic "workroom" that will save you up to an hour or more every day!

Or Have Your New American Kitchen Installed Complete At One Time—and Pay for It As You Enjoy It!

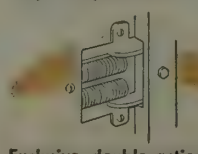
American KITCHENS
STYLED IN STEEL



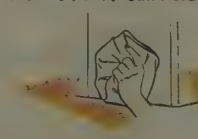
Amazing new disposer frees you from handling garbage!



Rounded drawer interiors—as easy to wipe clean as a bowl!



Exclusive double-action spring hinges hold doors fully open or shut . . . they can't stand ajar.



Elimination of old-fashioned, dirt-catching handles makes cleaning faster, easier.

***FREE!* Custom-designed kitchen plans—made to your own kitchen's exact measurements! No cost, no obligation. See your dealer* today!**

**For Name of Your Local Dealer, Call Western Union by Number. Ask for Operator 25.*

AMERICAN CENTRAL DIVISION AVCO MANUFACTURING CORPORATION
Connersville, Ind.

QUICK NEW EXCITING BREAKFAST..

Introduced by JACK HALEY
Star of "Inside U.S.A."

TUNA 'n EGGS

TWO EASY WAYS TO PREPARE!

(1) Scramble eggs; push to one side of skillet. Put tuna and chopped pepper in cleared space of same skillet; fry lightly. (2) Combine tuna and eggs and scramble together.

wo wonderful things have ome into my life," says this opular stage star, "The cus- mers like Jack Haley in 'In- de U.S.A.'... and I like Tuna Eggs inside Jack Haley!

"I lived in Hollywood for n years. That was where I rst got to know about this mous quality tuna. I like it ot and I like it cold. I like it r lunches and I like it as a ain dish for dinner. And I ve it for breakfast... ummm, una 'n Eggs!"

Tuna 'n Eggs is a satisfying dish for real he-man appetites. Rich in protein, containing Vitamin "D," minerals and other valuable food elements, this famous tuna is a rich food but not a "heavy" one.

But, remember... the finest Tuna 'n Eggs "Inside U.S.A." is made with these *quality* brands of grated Tuna.

(If you don't need the entire can for Tuna 'n Eggs, use what's left for tuna sandwiches.)

Buy THE BRANDS THAT MADE TUNA *famous*

y either and... e Quality the same

Trademarks of Van Camp Sea Food Co., Inc., Terminal Island, Calif.

TIME-SAVING DESSERTS

Six quick treats

Speed and good eating are yours with this blend of fruity flavors and color

By Frances Meye

Treasure Chest Tapioca. You'll discover gems of fruit all throu the pudding—and how the youngsters will like it! You make yo favorite quick-cooking tapioca or packaged pudding. Cool it. Fold in cup of well-drained fruit cocktail and 2 tablespoons of lemon jui

Fruity Fluff. A dessert that's guaranteed to melt in your mouth. Co bine 2½ cups well-chilled, drained fruit cocktail with ½ pint (1 cu whipped cream, 8 quartered marshmallows, and ½ cup each of shredd coconut and chopped California walnuts. Serve Fruity Fluff at on

with fruit cocktail

BY

You open the can and there it is—fixed, mixed, ready serve. Fruit cocktail is a treat for your family and good them, too. And since it's so versatile you'll want to p a can on hand.

On a moment's notice you can have the mixed fruits—lavorful combination of diced peaches and pears with ole seedless grapes, pineapple wedges, and cherries—dy to add distinction to a simple pudding or make an gel cake even more angelic.

You'll find fruit cocktail custom-packed for you in ss or cans from the 8-ounce, cut size, to the No. 2½. re are six quick ways to use it deliciously.

More on next page



Tutti-Frutti Shortcake. A quick-as-a-wink combination. Shortcake is angel cake. Buy or make a loaf angel cake; cut in ¾-inch slices. Spoon well-chilled, drained fruit cocktail and whipped cream between two cake slices. Top with more fruit cocktail and whipped cream

Photographs: Wesley Bowman



Jiffy Cocktail. A perfect solution for the unexpected guest problem—but don't overlook its dessert possibilities for the family. Top ice-cold fruit cocktail with a scoop of orange or lemon sherbet. Jiffy Cocktail is a good cocktail, main-course accompaniment, or quick dessert



SPRING BLOSSOM CAKE

Make a quick 'n easy budget cake with an instant cake mix (like Swans Down's, for example). Then give it blossom beauty with this luscious Baker's Coconut frosting!

2 egg whites, unbeaten
1½ cups sugar
⅓ cup water
2 teaspoons light corn syrup
1 teaspoon vanilla
1½ cups Baker's Shredded Coconut

Prepare according to frosting directions on your Baker's Coconut package (either style) and tint it cherry-blossom pink with vegetable coloring. Spread on cake and drift with tender-fresh, blossom-white Baker's Coconut. Arrange spring blossoms on top of cake.

Turn a budget cake into a luscious beauty with BAKER'S COCONUT



SPRING FEVER on a budget? Baker's Coconut can help you splurge for less than a dollar!

Make a budget cake—with a mix, or with only one egg, or with layers you buy. Then spread it with pink icing—shower it with lacy, blossom-white Baker's Coconut—and parade the most luscious, most glamorous cake *ever!*

Such luxurious eating for so precious little! And the secret? Tender-moist, flavor-fresh Baker's Coconut!

• **New Recipe Book!** Get "Coconut Glamour Desserts." Send 10¢ to Baker's Coconut, Box D59, Battle Creek, Mich.

Products of General Foods

COCONUT BANANA PIE. Prepare your favorite coconut cream pie filling. Cool. Cover bottom of baked pie shell with banana slices; add filling. Top with whipped cream. Sprinkle with Baker's Coconut and garnish with banana.

STRAWBERRY ORANGE AMBROSIA. Arrange alternate layers of orange sections and whole strawberries in sherbet glasses or serving bowl, sprinkling each layer with Baker's Coconut; add sugar to taste. Chill well before serving.



"Satina in my starch makes my ironing 3 times easier!"

WRITES MRS. FRANKLIN ELMER, PORTLAND, OREGON



"I use SATINA in my starch for all my starching," writes Mrs. Elmer. "Satina makes the ironing all of 3 times easier and it smells so nice!"

Satina is a wonderful ironing aid that you use with boiled or unboiled starch. It dissolves easily in boiling water or the boiling starch solution.

It not only makes ironing lots easier, it makes clothes *smell fresher, look newer,* and stay *clean longer,* too!

FREE FULL-SIZE PACKAGE



WE'RE SO SURE *you'll* love Satina, if we can just get you to try it once, that we're offering you a *free* full-size package. Enough for 4 big starchings. Just try it and judge Satina for *yourself!*

A Product of General Foods

SATINA, Dept. 92, Battle Creek, Michigan

Dear Sirs: Satina sounds good to me. Now I'd like a free full-size package to see how much easier it makes *my* starched ironing.

NAME_____

STREET_____

CITY_____ STATE_____

Satina users say: "Put SATINA in your starch! It makes starched ironing 3 times easier!"

6 quick treats with fruit cocktail

Begins on page 10



Icy Salad Rounds. A super salad to go with Sunday's roast. Slip can of fruit cocktail into the freezing compartment of your automatic frigerator and leave overnight. When you're ready to serve, open can at both ends, push out frozen fruit cocktail, and slice. Serve crisp lettuce with mayonnaise and salted, slivered almonds. Or have rounds for dessert with a spoonful of whipped cream to top each sl



Polka-Dot Frappe. A cool, refreshing concoction for warm spr and summer evenings. Spoon 1 quart of lime sherbet into a large mix bowl. Pour in 1 quart of ginger ale and beat with mixer or rotary bec until well-mixed and fluffy. Fold in 2 cups of chilled, drained fruit co tail. Serve immediately with salted nuts or tiny drop cookies. Serve

Home furnishings answers

Q. *Is a light-colored rug practical? Mrs. L. C., St. Paul, Minnesota.*

A. A light-colored rug is practical in rooms that don't get heavy traffic. Obviously, a light rug wouldn't be a good bet for a hall, stairs, or the room where children play. If you want a lighter rug in a busy room, though, look for the grayed colors or the smart tone-on-tone designs that hide soil.

Q. *What's the smartest color for r Mrs. B. T., Boulder, Colorado.*

A. The color you like best is smartest rug color. Be sure that color you choose will take wo that it's warm or cool enough suit the room, that it blends w other colors in the room. Toda popular rug colors range from lig muted tones to rich dark shade you can choose any color you wa

Meet a friend of the family!



...TERNATIONAL HARVESTER REFRIGERATOR

...our best friend . . . for extra room, interior convenience, safe food preservation!

...e's the heart of the house! And it keeps "open ...se" for one and all! This 8-cubic-foot Super De ...e is *extra big* on purpose—to hold everything from ...sicles to pork chops . . . from salads to Sunday's ...st. The apple-of-your-eye because it's designed ...h an eye to *your* convenience. The IH *adjustable* shelf arrangement makes food-storing fun, and food-finding easy. Here's *more* shelf area, *more* crisper space, *roomier* meat drawer, *bigger* freezer-locker; truly thrifty "Tight-Wad" mechanism, 5-year protection plan. *Perfection*-made to last, your big International Harvester Super De Luxe is your friend—for keeps!

NEW LOW PRICES

$219.75 to $294.75

FOB EVANSVILLE, INDIANA



INTERNATIONAL HARVESTER FREEZER

Now Sunday can be *your* day of rest, too! Sleep late, go to church, or read the funnies to the children. You've plenty of time with an IH Freezer in the family! This 11.1-cubic-foot big-beauty keeps you prepared for Sunday, Monday, and always! For you've 385 pounds of food—all kinds—on hand. Yes, every day's a holiday with an IH Freezer at home!

See International Harvester Refrigerators and Freezers at your IH dealer's today!

Tune in James Melton and "Harvest of Stars," now on NBC, Sunday afternoons



IH REFRIGERATOR RECIPE

Festivity Fruit Cup

Combine equal parts of fresh sliced strawberries and cubed fresh pineapple. Add sugar to taste and chill. Arrange in sherbet glasses and pour chilled ginger ale over fruit just before serving. Garnish with a small scoop of mint sherbet and a sprig of mint.

FREE *Refrigerator Recipe Book!* Write International Harvester Co., Dept. H, 180 N. Michigan Ave., Chicago 1, Ill.

International Harvester Also Builds McCormick Farm Equipment and Farmall Tractors...Motor Trucks...Industrial Power

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Model Illustrated—No. 7808

NOW! *CONTROL-O-MATIC COOKING* WITH THE UNIVERSAL SPEEDLINER RANGE!

A new way of life for the cook! It's yours now with *Control-O-Matic Cooking* in this amazingly automatic Universal Speedliner—the nation's fastest range. Not satisfied to do just the cooking, your Speedliner takes over the "pot watching" . . . thinks for you, too. Simply set the Automaticook and step out of the kitchen . . . do your cooking, your baking "on the go." Large Tru-Bake Oven, Super-Heat Thrift Units, automatic Thermo-Chef Auxiliary Oven and Well-Cooker help you get better meals on the table faster. Over-size Warming Cabinet is the only one large enough for both food and dishes. Tel-A-Switch Panel, located away from heat of units, ends guesswork. Make the switch to *Control-O-Matic Cooking*. See the Universal Speedliner Range today.

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LANDERS, FRARY & CLARK, NEW BRITAIN, CONN.

CHOOSE UNIVERSAL AND YOU CHOOSE THE BEST!



int-sized kitchen nook

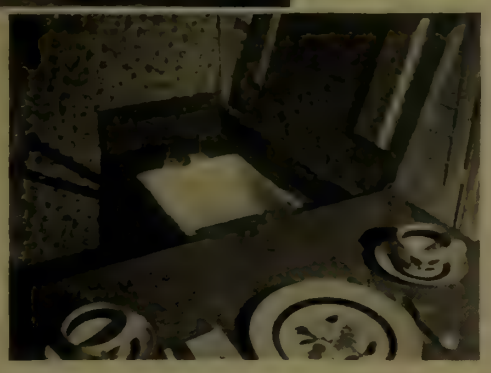
with an old-time flavor

By Martha Darbyshire

Spacesaving minimum kitchens needn't be all chrome and white. Paneling, wallpaper, bright pottery can make the most efficient 2x4 kitchen blend neatly into a corner of your room. Here's the kitchen nook that Mrs. Viola Bogue, Los Angeles, fitted into one corner of her Early American living-bedroom. See how smoothly it operates, how cleverly it fits the old-fashioned look of the room.



dinnertime, you have a plete kitchen in a few ie feet of space. A tiny and refrigerator stand in back cupboard. One leaf e dining bar lifts up to gl a running-water sink lose-up at right). Dishes food are stored inside the g bar or on back shelves



Photographs: George de Gennaro



Between meals, you can close the paneled doors and hide the kitchen equipment. Since the whole back wall is paneled, the doors themselves are hardly noticeable. The wallpaper and hanging shelf give the kitchen nook an old-fashioned flavor. Ruffles on the bar stools match other slipcovers in the room



Jane bought a mirror at a sale.
It made her husband sigh!



She put some WINDEX on and proved
It was a lovely buy!



Some cleaners cost *four times* as much
But Jane is on the beam!



She knows that only WINDEX gives
Her glass that WINDEX gleam!



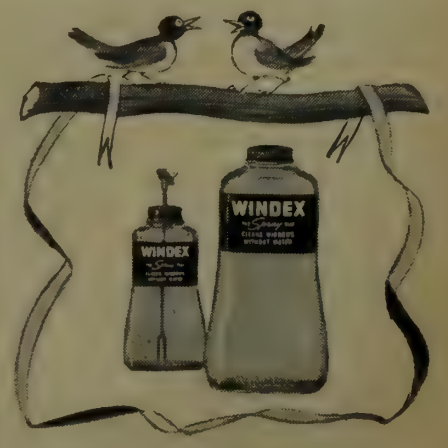
Speedy WINDEX sparkles glass
Of all types, old and new.



It never leaves the corners dusty
(Many cleaners do)!



And nothing could be easier
Than handy WINDEX Spray!



You put a little on the glass!
You wipe it *right away!*

Copr. 1949, by The Drackett Co.

Why pay high prices for window cleaners? Windex is only 15¢! And nothing beats it for cleaning glass, because it's made *especially* for glass. Windex leaves no oily, waxy film, no streaks, no dust. Insist on Windex every time!

Get Brighter Windows Quicker with—

WINDEX®

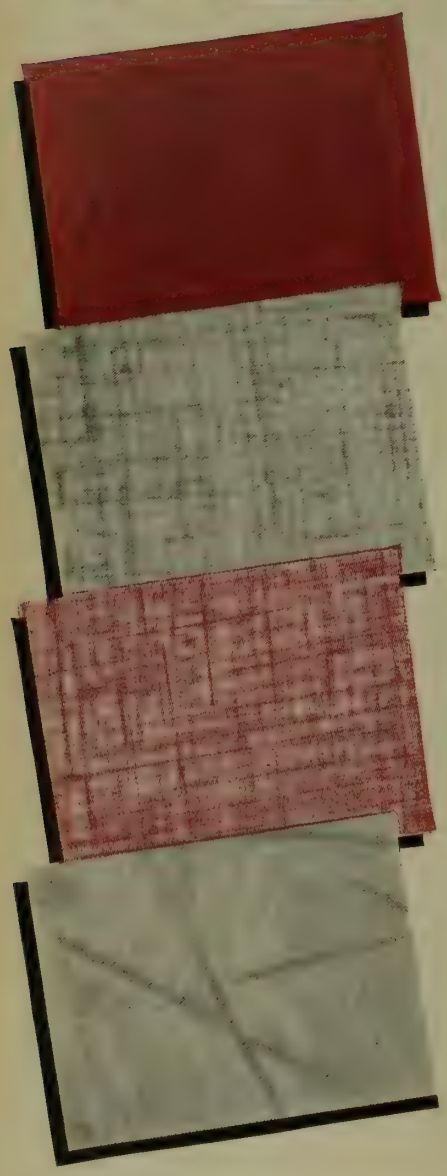
Spray

Costs only 15¢ — even thriftier in the big 20-ounce size.

TUNE IN: DOROTHY KILGALLEN, Thursdays. See local paper for time and station.

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colorful lifetime

CONSOWELD®



CONSOWELD Decorative Laminates will add sparkling color and money-saving permanence to a thousand different surfaces in your home, your office, your place of business.

CONSOWELD is also available on better kitchen and dinette tables everywhere. When you buy plastic-topped furniture or fixtures, the CONSOWELD Trademark is your assurance of perfect color-harmony with other CONSOWELD in your home.

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CONSOWELD

What do you do about Young Love?

By Oren Arnold

When teen-age Tom takes to toting home a maiden's books or your Barbara blossoms out as the dream girl of a senior patrol leader, are you ready for it—and are they? Take it from a dad who's been through it twice with daughters, your attitude makes a world of difference— the difference between a wholesome lifelong adjustment to the idea of two different sexes— and bewilderment, disillusionment, and heartbreak

All the good people in our block—it is a typical Suburbia—recently have watched the birth of a first love.

Three young gentlemen at Jeannie Wilson's birthday party slipped behind the scenes and poured salt into the lemonade. It was all in the category of Good Clean Fun, grade-school level, and might have happened to any 13-year-old lass of any time. But lo, of the three musketeers, one turned traitor. Master Marvin Baird snuck around to Jeannie before refreshment time and warned her!

For such perfidy Marvin was forever a leper among males—forever being a week or so in our block. But he didn't care. Next day he showed it by a new and strangely satisfying superiority to the twerps with whom he was most bosom pal only yesterday. Breakfast was not quite over at the Wilsons' before he knocked at their kitchen door and looked bravely up at Mrs. Wilson.

"May Jeannie go to the movies this afternoon?" His voice was basso profundo, but soared coloratura on the word movies.

Of the two, Mother Wilson was the more ill at ease. Jeannie herself overheard and came in poised. "Of course," she answered. "And thank you, Marvin. About 2 o'clock?"

My wife and I have the facts direct from Wilsons, and from the Bairds. But for that m ter, the romance is now public information; deed it is being somewhat flaunted. Reaction the other young folk in the neighborhood h been most interesting. After a few feeble gestu at teasing and ridicule, gestures that were co pletely ineffectual, Bobby and Tom and Ellen and our own Rosie and the four McDon kids and those who normally drift across alleys to play have lapsed into a quietly appr ing study of the love-making. They aid it times, yet they're detached, learning. I h watched birds apparently do the same thing

You, too, have seen it. And if you have laugh too much, or have been scornful, you should ashamed. It is distinctly none of my busin and in the maturity of my 48 years I feel s the Jeannie and Marvin romance won't end for life. Yet I am in a mood to defend then would fight desperately anyone who tried break it up. For it is beautiful.

Adolescent love *is* beautiful! Despite ha boiled realism, despite modern sophisticatio still is. And we as parents, who are responsi for the happiness of the [*Turn to page*

A Better Homes & Gardens child care and training feature

"Look, Mom—
I'm doing the washing!"



THOR AUTOMAGIC WASHER

makes it child's play to do the world's finest washing



NO WRINGER!

Flick a switch and Thor SPINS the water out . . leaves much of your wash actually dry enough to iron!



NO RINSE TUBS!

Instead of you working over the clothes in one rinse tub after another, to get the soap out . . . Thor does the job automagically!



NO LIFTING!

With a Thor, your hands never touch the clothes until they are ready for the line! No strained, aching back.



No hard work . . . it's all done with your fingertips . . . at the flick of a switch.

A wonderful, wonderful thing has happened to washday! The new Automagic Thor Washer has taken over *all* the back breaking work that used to make you *dread* Monday's coming. And the beautiful part is, while *you* take life easy, the Automagic Thor gets clothes so clean, so soft, so fluffy it does your heart good just to see them sparkling on the line.

Nothing could be simpler. You put the clothes in *dry*, take them out *damp dry*. The laundry is done as only Thor Agitator Washing and Thor AGITATOR-OVERFLOW RINSE can do it. And then, in the same tub, the Thor spins out the water leaving the wash fluffy and lovely. Your hands never *once* touch water. All *you* do . . . is flick a switch! At last, an end to your search for the "perfect" washer. Today, see the Automagic Thor at your dealer's.

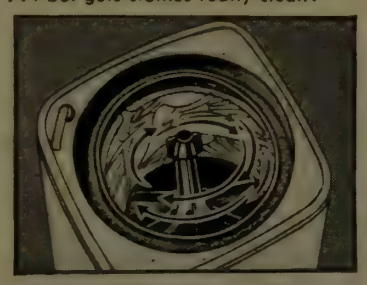
Thor* AUTOMAGIC* WASHER



THOR AGITATOR ACTION
means world's finest washing. Gentle . . . but gets clothes really *clean!*



AGITATOR-OVERFLOW RINSE
loosens dirt and soap curds . . . then floats away the soap *at the top*—never through the clothes! A Thor Exclusive!



SINGLE TUB SPIN-DRYING
gets out 25% more water than a wringer. Faster, easier on clothes!

NEW LOW PRICE

Formerly $229.50—now only $199.50

Save $30.00

Price includes normal installation. NO BOLTING DOWN. No permanent installation necessary. Put it anywhere, upstairs or down. EASY TERMS.

THOR CORPORATION, Chicago 50, Illinois • Thor-Canadian Company, Ltd., Toronto, Canada
Plants in Chicago, Illinois; Bloomington, Illinois; El Monte, California; Toronto, Canada; London, England

* U. S. PAT. OFF.

NEWEST FOOD CREATION!
Delicious Mild
BARBECUE SAUCE
and 7 full-size
WIENERS
WITH MILD
Barbecue Sauce
IN SEALED SACK
OSCAR MAYER
Wieners
WITH SEPARATE sack-o-Sauce
PACKED IN BRINE
U. S. Government Inspected
OSCAR MAYER
Wieners
Also Plain, without Sauce
Both packed in the same can—
...the sauce in a separate flavor-tight sack
You'll be amazed at the old-fashioned fresh-cooked goodness of all-meat wieners packed this new way. Both flavors remain separate, fresh, delicious as home-cooked! The secret—a flavor-tight sack enclosing the tasty sauce. Ask for this new treat—OSCAR MAYER WIENERS with *mild* BARBECUE SAUCE.
FINE MEATS
Oscar Mayer
SINCE 1883
OSCAR MAYER & CO., *General Offices*, Chicago, Illinois

TIME-SAVING DINNERS

Super meals

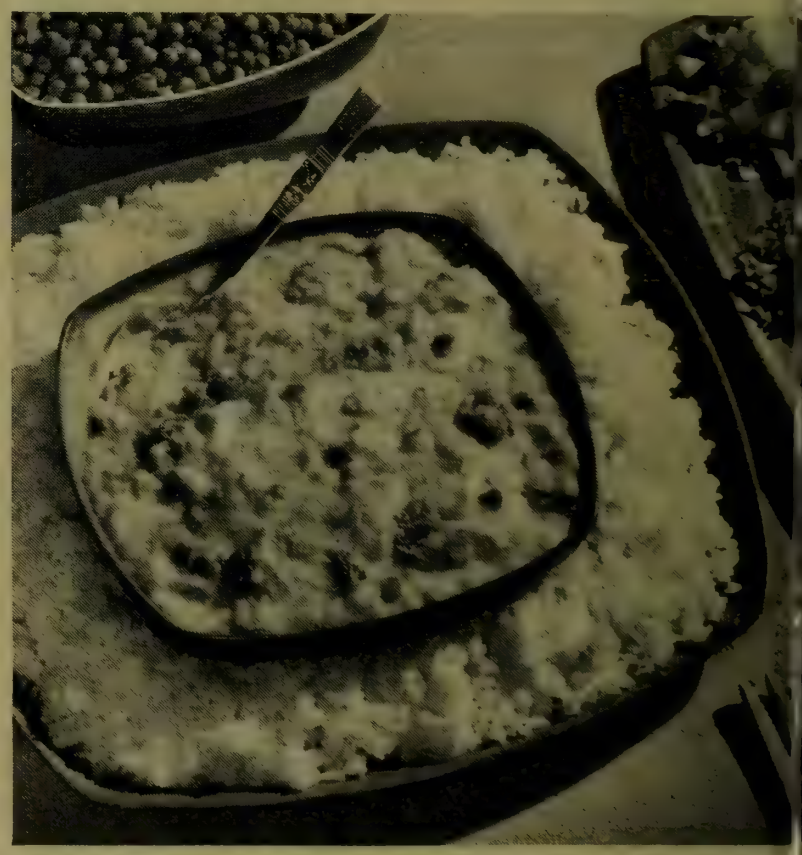
- from the broiler
- the skillet
- pressure pan
- oven

By Frances O'Connor

When you have to make fast work of dinner, start cooking with these ideas.

These meals cook top of range, in the broiler, and in the oven. They get help from packaged mixes, frozen and canned foods, the bakery, and the ice cream shop. From main dish to dessert, they'll take you half an hour.

There are no new tricks in flavor. They are simple, well-balanced, good-to-eat meals you can get to the family dinner table in record time.



Chicken a la King (Frozen)
on
Precooked Rice
Mixed Fruits for Salad on Lettuce
Buttered Peas (Canned or Frozen)
Lemon Sherbet Frosted Cake Squares

Defrost chicken a la king at room temperature. Heat in saucepan or i
double boiler while rice and peas are cooking and while you prepa
the fruit salads. Arrange the salads on the one big tray to save time. Bu
the sherbet and the cake. This meal won't take you over 15 to 20 minut



Broiled Fish Fillets
Almond-Butter Sauce Lemon Wedges
Toasted Rolls
Grilled Tomatoes on Water Cress
Frozen French Fries
Fruit Cocktail
Cupcakes

Arrange fish fillets, tomato halves, and frozen French fries on broiler. It will take about 10 to 15 minutes for dinner to broil. Fruit cocktail chills in sherbet dishes in refrigerator. Buy cupcakes or bake from packaged cake mix. See the quick way you can frost cupcakes, page 67

ographs: Photography, Inc.



Grilled Chopped Steak With Blue Cheese
Whole Buttered Asparagus
Golden Hominy
Relish Tray
Frozen Raspberry Sundaes
Packaged Cookies

Grill steak patties. For additional flavor sprinkle with Blue Cheese last 5 minutes. Heat hominy with butter or brown lightly in skillet. Frozen raspberries thaw at room temperature for the sundaes. Keep the relishes simple—sliced dills, carrot sticks, radishes. You won't need a salad

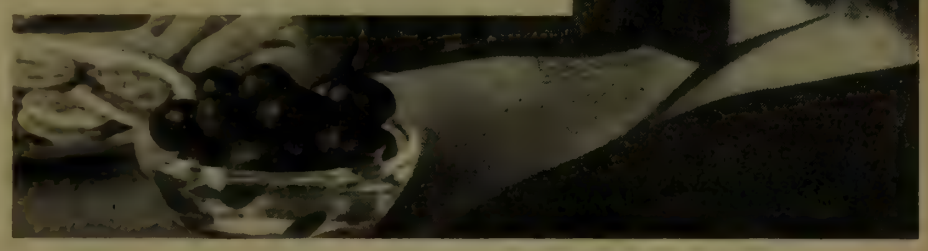
More on next page

"I commend to you our pleasant California custom of the Olive Bowl"—*says*

KATHLEEN NORRIS



Queen of American authors, Kathleen Norris is beloved by millions of readers. In addition to her prodigious output of 73 novels (her latest, *High Holiday*, is just out) and countless heart-warming stories for the top magazines, brilliant, energetic Kathleen Norris has found time for family and national affairs — and is noted for her hospitality



"It's an easy, well-liked gesture of hospitality when friends drop in...an enjoyable "first course" when just the family comes to table"

"I'M GLAD TO HEAR our good California custom is becoming so popular throughout America today," writes Kathleen Norris. "Do try it at your house soon, if you haven't already: simply fill a generous bowl with your favorite brand of California ripe olives and set them out for all to enjoy. Compliments never fail you."

Ripe olives from California fill an honored place in the diet. Among other food values, California ripe olives offer you nourishing protein...and they're a source of Vitamin A, and iron. *But the reason California ripe olives are famed throughout the world is FLAVOR!*

Bite into one. Here's plump, meaty goodness. Here's good eating. Have another...enjoy all you want! (Yes, even if you're a "calorie-counter." For 8 to 10 ripe olives about equal 100 calories.)





This advertisement is published by the growers and processors of California ripe olives, acting together as the Olive Advisory Board. All California ripe olives are held to standards of quality, strictly graded and correctly labelled.

YOU'RE SURE TO AGREE...
it's the finest tuna you've ever tasted!



Milder, finer-textured, Star-Kist Tuna performs flavor magic in *any* tuna recipe. Try it this unusual way... a party dish at everyday cost!

•

TUNA TIMBALES
only 15¢ a serving!

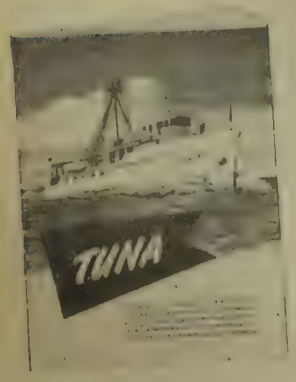


STAR-KIST TUNA TIMBALES

- 1 7-oz. can Star-Kist Fancy Solid Pack (or *New Chunk Style* Grated) Tuna
- 2 tablespoons chopped onion
- 2 tablespoons salad oil
- 3 eggs
- ½ cup milk
- 1½ cups soft bread crumbs
- 1 teaspoon finely minced parsley
- ½ teaspoon salt
- ⅛ teaspoon pepper
- 2 teaspoons lemon juice

Lightly brown undrained tuna and onion in oil. Add beaten egg yolks and remaining ingredients, folding in stiffly beaten egg whites last. Turn into greased cups and bake in pan of hot water in 350° F. oven 30 minutes, or until firm in the center. Unmold and serve hot with your favorite sauce. Serves 6.

Buy Solid Pack or *Chunk Style* Grated
...Star-Kist quality is the same!



FREE TUNA RECIPE BOOK: Mail coupon below for 24-page booklet filled with exciting, kitchen-tested tuna recipes. Illustrated in color. You'll want to try these new ideas soon!

STAR-KIST TUNA, DEPT. 34
Terminal Island, Calif.

Please send me FREE, a copy of the STAR-KIST Tuna Recipe Booklet.

NAME_____

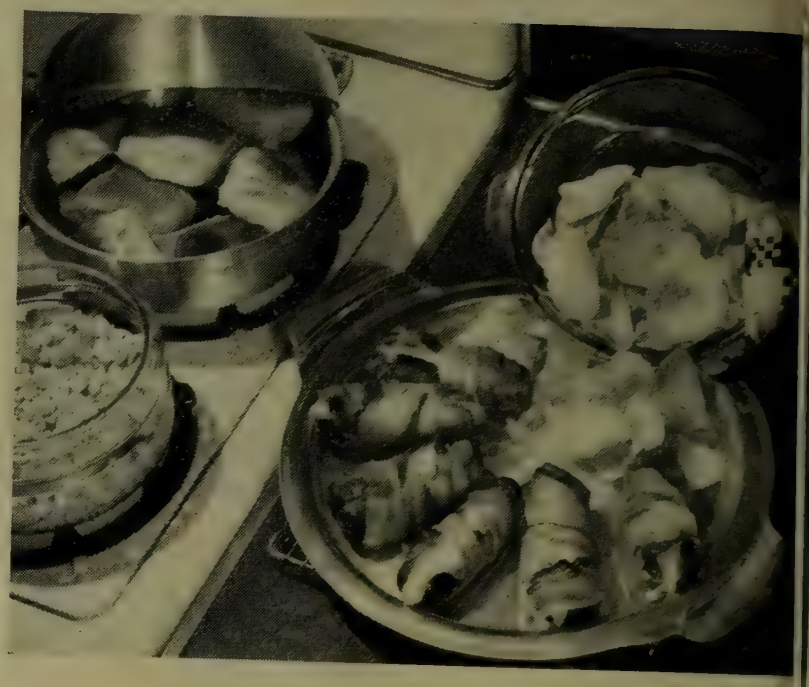
ADDRESS _____

CITY_____ ZONE___ STATE_____

Super meals

Begins on page

Dinner from the broiler



Bacon-Wrapped Franks Stuffed With Cheese
Potato Chips
Hot Rolls
Tossed Spring Salad
Succotash or Baby Limas
Angel Cake With Strawberries

Split franks and insert a strip of cheese in each. Wrap with a slice of bacon. Fasten with toothpicks. Broil—takes about 10 minutes. Broil cheese-side down first, then turn. Succotash heats in about 15 minutes top of range. Toss crisp vegetables for salad with a good oil dressing

Dinner from the pressure pan



Frozen Pork Cutlets
Paprika Potatoes
Buttered Corn
Spiced Peaches Hot Rolls
Cheese and Crackers

Cook pork cutlets and potatoes in pressure saucepan. Takes about 15 minutes. Give the potatoes a good shake of paprika before you serve them. Buttered corn heats on top of range. Rolls could heat in deep well cooker or roll warmer. Arrange a tray of cheese and crackers for dessert

How to win praise



flame broiled spring chicken, crisp on top and done clear to the bone

The flavor of broiled spring chicken depends on the broiler. With Magic Chef's high level, Swing Out Broiler, it's perfect! In this extra deep broiler the chicken can be kept 3 inches below the tip of the low gas flame. Brown it for 5 minutes, then turn every 5 minutes until done. Swing the broiler out, turn the chicken without stooping and you'll agree this is truly effortless broiling. When the chicken is done, transfer it to the broiler tray (which is really a removable tree-and-well platter) and serve piping hot. This chrome plated steel serving platter is another exclusive Magic Chef feature.

Influence Appetites



You, too, can have the magic touch!

The secrets of good baking are yours with Magic Chef, first to introduce time and temperature cooking! The *automatic features* of the new 1949 Magic Chef have taken all the guesswork out of roasting and baking. Just reach for the Red Wheel Regulator and dial in any heat you want, *instantly*. Anyone can have the magic touch who owns a Magic Chef. All burners, oven and broiler, too, light automatically on "CP" models. New top griddle is ideal for pancakes and other fried foods.



and be Happy!

because there's an Automatic Magic Chef for every purse and purpose

This new Magic Chef is specially priced for small budgets, specially made for small kitchens. Full size oven and broiler. Exclusive Magic Chef features. This and many other Magic Chef ranges operate equally well on city, "Pyrofax" or other bottled or tank gases. See your Magic Chef dealer or local gas company.

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MORE WOMEN COOK ON *Magic Chef* THAN ON ANY OTHER RANGE

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Before you buy, check these points

How to judge a house

How sound is the house you're thinking of buying? Here's a guide to good purchasing—read it before you sign on the dotted line

By Arthur R. Lee

Thousands of houses will be bought this spring. And a large percentage of them won't be adequately inspected before the new owners commit themselves to years of mortgage payments.

There are a number of reasons for this. Lack of information is high on the list, so is sentiment.

Your practical judgment generally can be relied upon to produce a house in a neighborhood that will prove compatible; it will insure that the house is convenient to a good school, to church, to friends, to a shopping district, and to a bus line. The bank will determine that the total price is in keeping with the family income, and that the title is clear. But no one is going to tell you whether the house will need major repairs in a year or two. That you will have to determine for yourself.

What most house-hunters need is a short course in detection to help them find and interpret the clues by which a house-builder's sins reveal themselves.

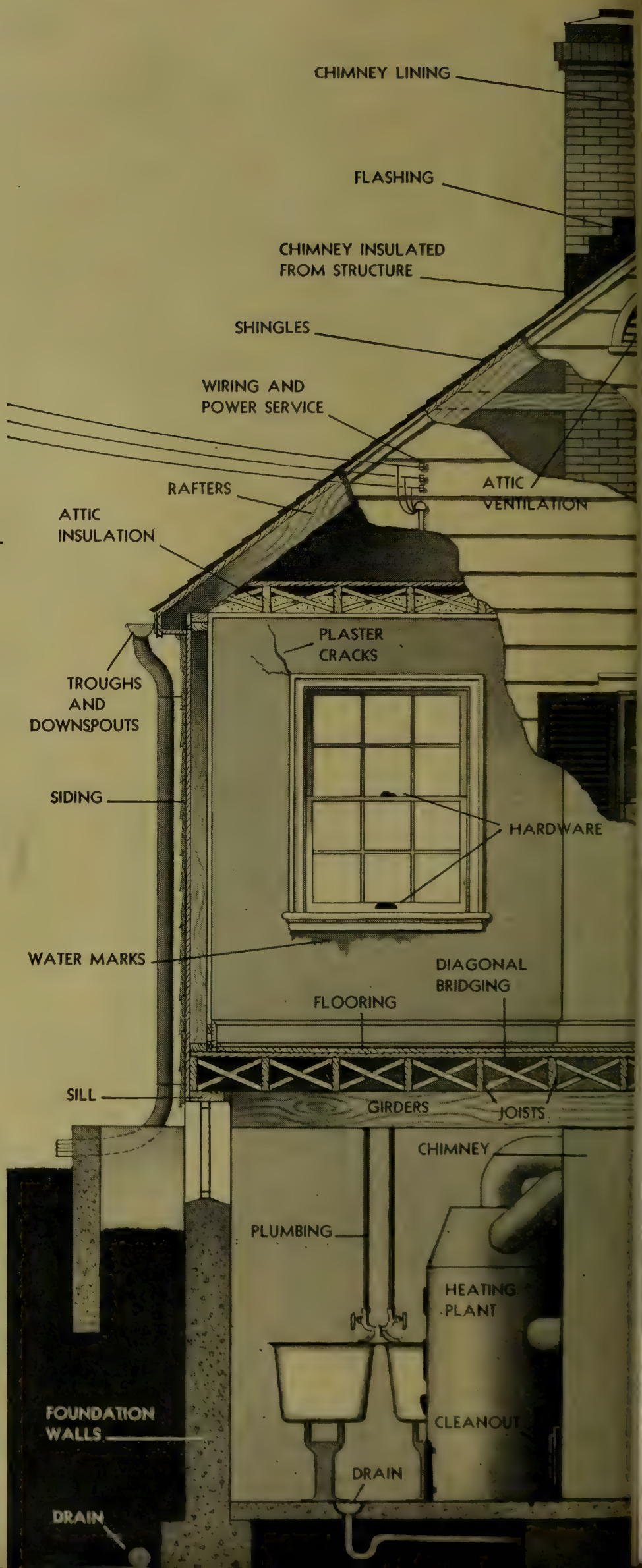
Fortunately, most builders have pretty good professional morals. The fact that so many inexperienced buyers are able to live in their purchases with satisfaction testifies to the honesty of builders.

However, there always are a few speculators ready to take advantage of a favorable market, and there are unsound houses, both new and old, for sale now.

So remember this in buying your home: It represents one of the largest investments you will make. You will be paying for it for a long, long time.

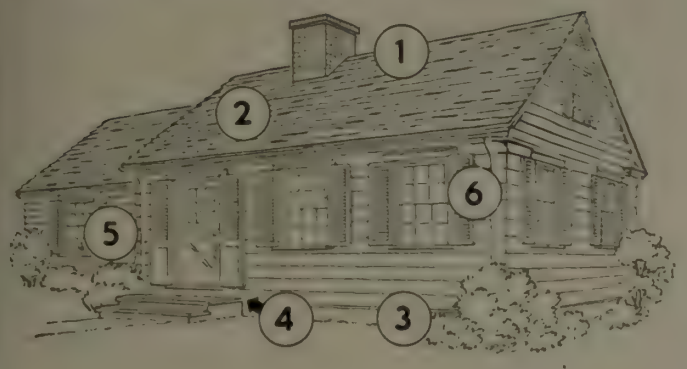
With a knowledge of what to look for, you can do a better job of examining the house you are considering. Let's take a trip through this house you have your eye on, and see what we can find. Note down your findings as you go along.

More on page 113



Begins on page 112

ook it over from the outside . . .

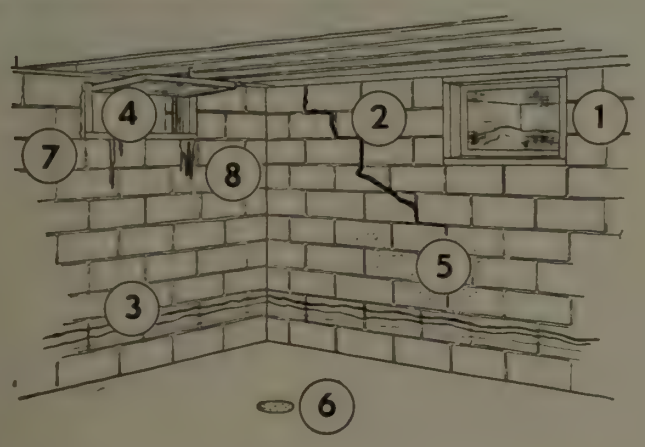


RST, for the outside. Look at roof line: curves are interesting their place, but their place is not the ridge. Sagging here (1) is a ious structural defect, difficult to nedy. Are there bricks or mortar nts missing from the chimney? w does the shingling look? (You y have to check this again from upstairs window, to get a closer w.) Are the shingles warped or cked? Make sure joints in succes- e courses of shingles are stag- red (2). Are the eaves straight? eck the presence and condition gutters and downspouts (5). ist on the bottom of eaves oughs and on downspouts shows ey aren't carrying away the wa- as they were designed to. Rain ter should be led away from the use foundation to the sewer, to a y well or to an area where it can n off without damage. Are the indows plumb and level (6)? If ey aren't the house may have tled. Is the sill, where the house framing meets the foundation, level? Poke the sill with your knife, in search of termites or rot. Termites leave tunnels of earth on foundations as they invade a house from the ground—look for such traces. Look, also, for copper sheathing (3) above the top of the foundation, with edges turned down at a 45-degree angle as protection against termites, if the house is located in a neighborhood infested with the pests. (Neighbors, or an exterminator, can tell you if any are present.) In such a neighborhood, beware houses built so wood touches the earth.

Are the porches or steps sagging away from the house (4)? If so, their foundations probably were not poured below the frost line. And that may mean the builder was careless elsewhere.

While you're outside, make sure walks and the driveway haven't large cracks (if paved), aren't too steep, and are well drained.

Then check the basement



NEXT, look at the basement. If it doesn't go under the entire house, find out if there is sufficient crawl-space (1) under the unexcavated portion to allow for repair of pipes, electrical wiring and ducts. The crawl-space should be at least 2½ feet deep and should be well ventilated. Pipes under the crawl-space preferably are covered to reduce heat loss and guard against freezing. Floor joists over the crawl-space should be insulated with sheets of insulating board.

Foundation walls should be supported by footings large enough to bear the weight of the house. You can't see them, but cracks in the basement wall (2) will show that the footings aren't strong enough.

Another construction feature you can't see is the system of subsoil drainage pipes needed in wet ground. But again, its absence will be given away by signs of basement flooding. Water-rings on walls (3) evidence such flooding in the past; bright red rust on iron will provide a clue to dampness.

Foundation walls for a small house should be at least eight

[*Turn to next page*

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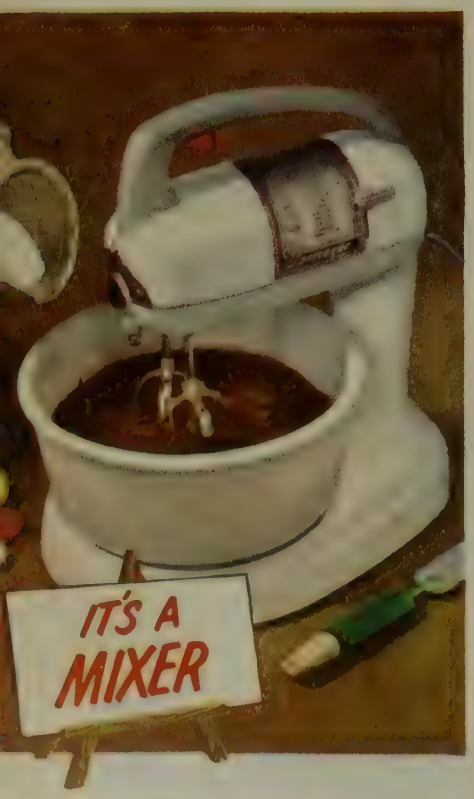
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How to judge a house

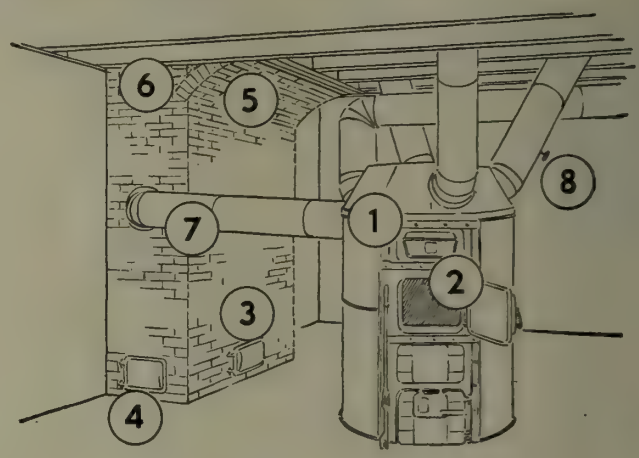
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inches thick if made of concrete block, poured concrete, or hollow tile, 12 inches if of brick, 14 inches if of rough stone. You can make your measurements at window openings (4). Incidentally, old-fashioned stone walls give away the age of the house.

Examine the foundation walls carefully. Is there any indication the walls are caving in, or have started to sag? Beware foundations that have holes, broken or cracked places. If the walls are of tile, look for flakes or powder where defective blocks may have chipped (5). Does the basement look as tho it had been painted recently conceal repairs? Sniff the air it musty? The basement is a g place to look for chewed pa scraps and other signs of roden

Check for a basement drain —pour water down it to see th works. Open the windows (me framed ones are best)—if t stick, they may be squeezed by much pressure on the sill. G around basement windows (7) mean drafts, and show poor w manship. Watermarks (8) will whether the windows are tight

Is the heating plant adequate?



NOW, look at the heating plant—it represents a good share of the house cost. Has it a gas or oil burner, a stoker, or is it a hand-fired coal model? Automatic types are more desirable. Is the insulation covering the furnace in good repair (1)? If it is a coal burner, open the door (2) and look over the interior with a flashlight to make sure the fuel pot is not burned out, and that the grates are not warped. If you suspect poor joints between sections of the fire pot, or that it may be burned out, burn something in the furnace with a sharp odor, like tar paper. If there is a leak into the air jacket, you can notice the odor upstairs. Look at the heat ducts: if one is turned off (8), it may mean the plant is insufficient, and one room is not heated in the winter. The pipe from the furnace to the chimney (7) also will give a clue: if it is flaked or blistered it means the furnace is too small, and is operated at an inefficient overload. Here's your chance to check the sou ness of the chimney, too: Stick y knife into the mortar. If it cr bles, remember that chimney pairs are expensive. Notice the chimney passes through floor overhead: it should be bo by the framing (6), and have inches clearance from the wo There should be a cleanout doo the bottom of the chimney (4)

If there is a fireplace on the fl above, notice whether the heart supported only by the floor fr ing. If the hearth is built of he materials, one end should be s ported by the main fireplace masonry—it will be stronger if hearth support arches out (5) fr the fireplace chimney base (thi called a trimmer arch). Also method should be provided to pose of fireplace ashes in the b ment (3), or outside, to keep out of the living room. The place, like all chimneys, should separate from the house struct

[*Turn to page*

Gifts

Give your child his vitamins.
Give him lectures on his sins.
Give him nose drops, if you choose.
Give him arch-supporting shoes.
Give him toys that educate,
Give him chalk and give him slate.
Give him lessons—music, art—
Give him books to make him smart . . .
Give him all the things above,
Also, please, a little love.

— *Richard Armour*

No. 62-81 Howell Dinette Set. Large oval table, 36 x 48 inches, extends to 60. Table top is Formica plastic. In choice of rich colors—golden yellow, red, green, blue, and mother-of-pearl gray; with four matching chairs, $119.50; with six chairs, $139.50 (except at distant points).

WITH PRIDE AND PLEASURE you will introduce your guests to the bright new beauty of your Howell Dinette Set. And you will inwardly rejoice at having chosen fine furniture that is so easily *kept* beautiful. The Formica* plastic table top, unharmed by boiling water, alcohol, or fruit acids, washes clean with the touch of a damp cloth. The Du Pont Fabrilite* upholstery of the chairs is washable plastic, too. And the Howell Chromsteel* plating resists scratching and scuffing. All in all, there *never* was nicer furniture to live with! . . . There's a genuine Howell set in just the size, style, and color for your home—at leading furniture and department stores.

*Trade marks

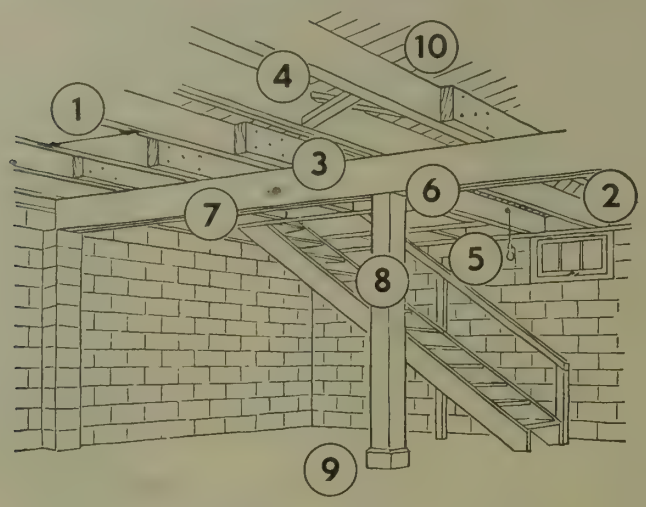


No. 58-81. Where space is limited, this 30- by 30-inch Formica-topped table is perfect. With two chairs, $59.50. Also supplied with extra chairs, and with center leaf for extending.

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HOWELL
Chromsteel KITCHEN & DINETTE FURNITURE
ST. CHARLES, ILLINOIS.

Is the exposed framing strong?



NOW for the structure. The joists should be at least two inches thick, the depth depending on the span, spaced 16 inches apart from their centers (1), or closer on spans over 14 feet. They should be eight inches deep for spans of 10 feet or less, 10 inches for spans up to 12 feet, and 12 inches for spans up to 14 feet. The joists are supported by a foundation wall at one end, a girder at the other. Where they are supported, the length of bearing (2) should be at least three inches. Joists will be weaker if cut out where they meet the sill. Where joists are spliced, they should have a generous overlap, and be spliced only over a support (3). Too many knots can seriously weaken the joists.

The joists should be bridged in the center of each span (4). The bridging consists of pieces of 1x2 crossed between the joists, to distribute loads among several joists, and to keep them perpendicular—a position in which they can take the most strain. Bridging also can be made of solid pieces of two-inch board nailed between the joists.

Holes often are cut in joists to accommodate plumbing and wiring (5). Preferably, such holes should be near the ends of the joists, and they should be closer to the top, rather than the bottom, edges of the joists.

Joists should be doubled below upper-floor partitions and around openings, such as for stairs (6). Girders (7) are large beams which support the inner ends of the joists. They often are made up of narrower boards spiked together, and are supported by posts. The support posts (8)—usually 6x6- or 8x8-inch timbers or lally columns (concrete-filled steel pipes)—should rest on concrete footings (9) raised above the basement floor as protection from water. Check the entire structure for sag.

Above the joists, there should be a subfloor (10). Flooring laid diagonally is the strongest. Unless of tongued and grooved construction, ends of the subfloor boards should rest on joists. Building paper should separate the sub- and finish floors.

How does the plumbing look?

WHILE you're looking up, check the exposed plumbing. Rust or corrosion (1 sketch page 120) may make you question the condition of plumbing in the rest of the house. Find out from the owner where the water comes from—whether from a municipal line, or from a well. If it comes from a well, you should have the water analyzed by the public health officer or a private chemist. Find out, too, whether the sewage discharges into the municipal sewer, a cesspool, or septic tank. Cesspools are seldom built now, and generally are not as safe as septic tanks. If a septic tank is used, check on the adequacy and location of the disposal field. If you have to connect your home to the city sewage system later, it will cost you money. Plumbing pipes within the house should be equipped with cleanout plugs (2). Make sure the house has an automatic water heater large enough for your family. Daily consumption will be between 10 and 15 gallons a day per person. The storage tank should hold at least 20 percent of your family's daily needs (3). Inspect the place where plumbing waste pipes leave the basement—there should be a watertight seal (4).

Plumbing fixtures, incidentally, provide a clue to the age of the house—and beware cracked fixtures. Cleanout plugs on the bottom of traps are a sign of recent

[*Turn to page 120*

The pressure weight that has



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Drop it!
Douse it in dishwater!
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Grade Graduation. Ahead lay High School, Manho
Destiny! Thoughts and emotions whirled dizzily . . .

"Why, oh why, did my voice have to go squeaky wh
I said the sleeves were too long? 'They'll be up to y
elbows soon enough', mother said. Why does she sit th
clutching those old knickers like grim death? And w
didn't sis stay home!

"Hm-m-m-m! Nice suit! Better'n the hunk of gray cl
stuffed behind that tailor's display board.

"Wonder why Mr. Whipple put chalk marks under
collar. Funny, seeing your back, front and sides all
once. Some mirror! Plate glass. Wish we could afford
like this so a fellow could practice how to look grown-u

Now, even though American ingenuity has brought
price of such mirrors within everybody's reach, polish
plate glass remains, like Sterling silver, in a class by its
No other glass can provide as true reflection or clear visi

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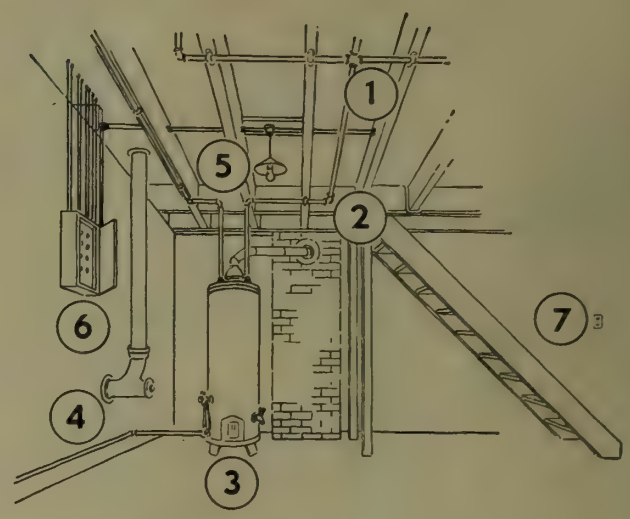

FREE
ONE WITH
EACH SUIT
OR OVERCOAT



The S.O.S. Company, Chicago, Illinois, U.S.A., S.O.S. Mfg. Co. of Canada, Ltd., Toronto, Ont.

How to judge a house

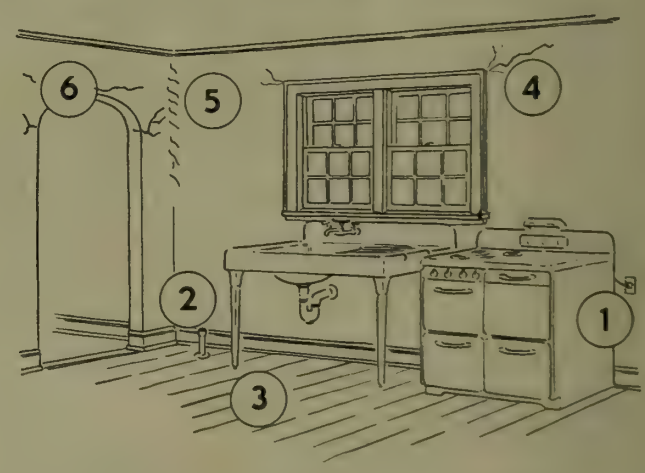
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installation. If plumbing makes a noise like water gurgling from a bottle, it is improperly vented. Drainage should be quick and quiet. If it's slow, the pipes may be clogged or too small. Check the pressure on the upstairs bath by turning on all the faucets in the house. Low pressure upstairs may mean pipes choked by mineral deposit or rust, that the city service pressure is insufficient, or that the service line to the house is too small (it should be not less than one inch in diameter).

Examine the wiring. If it's of the knob and tube type, you can readily detect patched-on circuits and new splices; if there are many, circuits probably are loaded yond their capacities. Feel a near a light fixture (5): if it is flexible, its sheathing has age the point where it may easily c —it may have to be replaced. L at the fuse box (6). Ligh branch circuits usually have ampere fuses, and appliance cuits 20 or more. You may fi penny behind a fuse—a cer sign the circuit is overloa Throughout the house, make there are three-way switches w there should be—at the top bottom of stairs (7) for instanc at entrances to living rooms.

Look for outlets, test the floor



NOW you're ready to go to the floor above, the kitchen first. Check the electrical outlets—if you have an electric range you must have a power service entrance (1). You'll need other outlets for the refrigerator and appliances. And if your stove or refrigerator uses gas, you'll need connections for it as well (2).

Check the floor. A feeling of unevenness as you drag your foot across linoleum indicates curled board edges or cracks in the flooring beneath. Look under the sink —is the floor sound, or rotted by water (3)?

Here, and in the living areas, walk heavily across the center of the floor—does the floor feel solid, or springy? If it is springy, the framing beneath is insufficient. If only short lengths of finished flooring were used, it means the builder saved some money by using the cheaper type of material. Does floor slope off to a low corner? D it squeak?

Look at the walls. If they ar plaster, check them for cra Cracks starting at the upper c ners of window or door openi and angling out (4) are an indi tion of structural weakness. R and lower a window (if doul hung) to see that it is free.

Tap the corners of plaster w with a coin. Metal corner b should be used to prevent dam to the plaster—you can whether it's there by the click y coin makes. Twisted wallpaper corner (5) means a wall has sett

Arches are another place ins ficient bracing can show up. they are not properly braced arches may sag, with cracks in plaster above them resulting.

Turn to page



Here is the charming Neuday *group, consisting of lavatory and bathtub of porcelain enamel on cast iron and a vitreous china closet. All have the matching Crane panel design, an evidence of advanced styling. The gleaming chromium faucets open and close easily, reducing wear and consequent dripping. Lavatory may be had in 19 x 17 in. or 24 x 18 in. sizes. Bathtub is available in 4½ or 5 ft. lengths. The* Neuday *is only one of the many new Crane bathroom groups available from your Crane Dealer.*

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*The "FRY-MASTER" and *12, *16 and *21-quart COOKER-CANNERS.

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The most practical gift imaginable for homemakers, on any occasion is a PRESTO COOKER. Give one, several or a complete matched set of these *best-of-all-kitchen-helpers* to Mother on her day. Give them to the Bride so that she, too, can serve more vitamin-rich, more economical meals, three times a day, every day, right from the start, in a fraction of ordinary cooking time. PRESTO Cooking, too, saves money on food and fuel bills.

ONLY PRESTO COOKERS have the "Pressure-Tru" Indicator Weight. Shows exactly how much pressure there is in the cooker at all times. Cannot fall off. Automatically releases excess pressure. No guessing. No listening. Because of these and other exclusive features, more PRESTO COOKERS have been sold than all other makes of pressure cookers combined.

Guaranteed by Good Housekeeping — REPLACEMENT OR REFUND OF MONEY IF NOT AS ADVERTISED THEREIN

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Presto COOKER

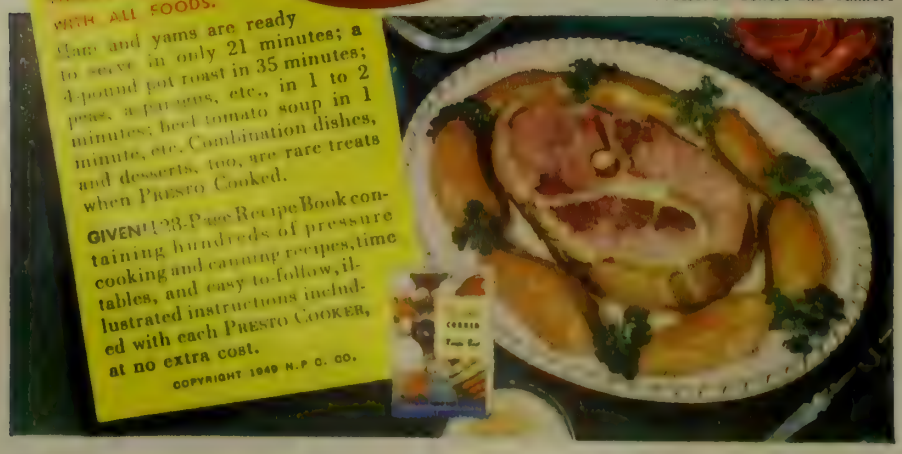
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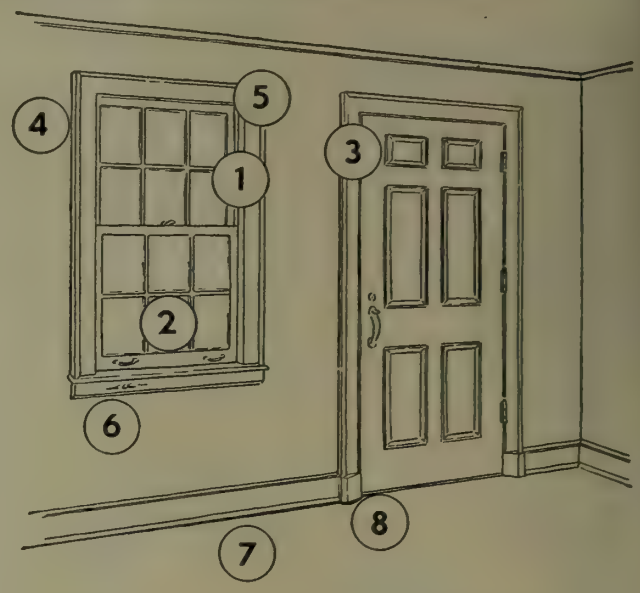
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How to judge a house

Continued from page 120

What do the doors, windows show?

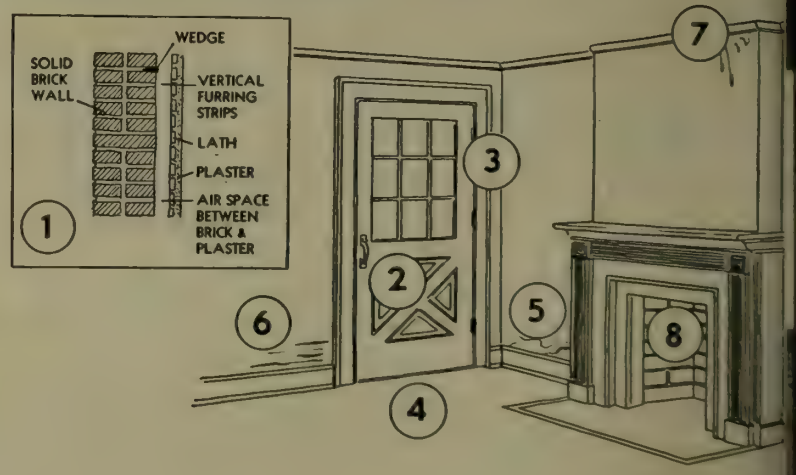


CHECK the condition of the windows' pulleys and cords (1); make sure the sash hasn't started rotting from exposure to weather with insufficient paint protection. Notice whether there are locks and window lifts (2)—they're sometimes left off for economy. Check also for weatherstripping on windows and doors (3).

Is there a border of dust marks around the window trim (4)? That means the wind is coming in, and you'll have a big fuel bill. Are there watermarks under windows? If so, rain may have entered.

Look at the trim or woodwork around doors and windows, a sill, baseboard, molding, paneling. The joints should tight—if they're not (5), they made by an unskilled carpe Also, the type of wood will pro a key to the amount of money went into the house. Hardw will wear better, but is more pensive. Look for knots, cra and pitch pockets (6). A gap tween the baseboard and floo usually means the wood was g when laid down, or that the has settled. If the gap conti under the door casing (8) the has probably settled.

Thump a wall, slam a door



IF THE wall is of solid brick, pound on it with your hand to determine whether plaster was applied directly to the brick—it should be furred out (1) to provide air space, which will reduce condensation.

Slam the doors. If the walls vibrate, they're not as solid as they could be. A good wall will absorb most of the shock without vibration. Make sure the catches and locks work, and examine all the hardware (2). Heavy exterior doors and those with full-length mirrors should have three hinges (3); that number is desirable for all doors for best support.

Door sills (4) should be of oak or metal; worn sills are another to the age of the house.

If there are watermarks on wall you can't account for (may be that insulation was ap without a proper vapor seal (w proof membrane, like impregn paper, on the room side of th sulation). If an area was miss insulating, a dirt mark on the will result. Lath marks (6) come from poor insulation. W marks near a chimney (7) mean a leak in the chimney or flashing where it meets the Take a look at the fireplac should be lined with firebrick and have a workable damper.

[*Turn to page*



LINDALE (illustrated), size 72" x 90", about $12.95

"For the bride with taste, a CRAFTSPUN Lace Dinner Cloth is the perfect setting for flower arrangements"

says Mrs. M. Cochrane Cole, nationally known flower arranger



MRS. M. COCHRANE COLE

GIVE THE BRIDE-TO-BE a Craftspun* Dinner Cloth! For a tea or shower, Mrs. Cole arranges roses in an unusual way on a Craftspun Lace Cloth. You can produce full-blown roses from buds by a 24-hour soaking, keep other buds closed by covering them with wax paper until you are ready to arrange them.

This rich Craftspun design is so versatile, it is equally charming with garden or greenhouse flowers and suitable for any occasion. Since a Craftspun Dinner Cloth doesn't wrinkle, and spots sponge off, it can be used frequently without laundering. Washing is especially easy, because it needs no ironing. Or it can go to the laundry. Many leading stores carry Craftspun Lace Dinner Cloths, priced from $5.95 to $12.95.

*Reg. U. S. Pat. Off.

SEND TODAY FOR "Flower Arrangements for Lace," an all-new, beautifully illustrated book on flower arrangements, by Mrs. M. Cochrane Cole, nationally known authority. Contains full-color photographs, easy-to-follow directions for creating beautiful tables all year 'round. **Only 25¢. Use coupon below.**



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Please send me "Flower Arrangements for Lace"; I enclose 25¢ in coin.

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City *Zone* *State*

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Wouldn't it be wonderful

if a vanity table had room for everything?

It *would* be. And here it is . . . in the Cinderella* Vanity Table by Tomlinson. Here your wishes all come true. Long and shining plate glass top. A big, handsome mirror with a skirt-hem view. A fabulous amount of drawer and shelf space. To satisfy both sides of the woman you are . . . tidy soul, glamour girl. A bedroom seems suddenly transformed when the Cinderella Vanity Table appears on the scene. The table $149.00, skirt additional. The mirror $46.00. (Slightly higher West of the Rockies.)

Cinderella * **vanity table**

In the small picture you see it without the skirt . . . double banks of drawers, center cosmetic drawer and shelf space. Fine pigment finish in antique white.

*T. M. REG. U. S. PAT. OFF.

Furniture by TOMLINSON

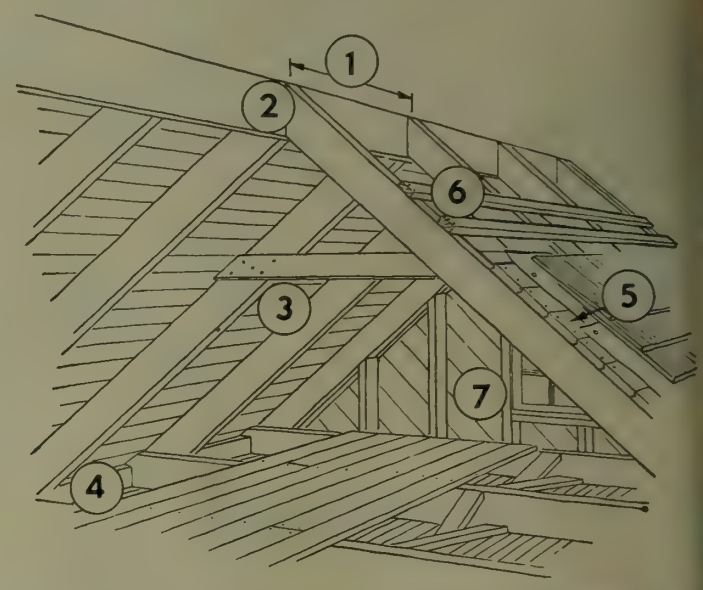
***write today**—a postcard for the name of your nearest store. Dept. G-5.*

Furniture by TOMLINSON, *High Point, North Carolina*

How to judge a house

Continued from page 122

The attic's worth a visit, too



AN unfinished attic provides an excellent place to check on the house structure. Rafters, like studs and joists, should be spaced 16 inches apart at the center (1). Examine the joints where the rafters meet the ridge (2)—they indicate the skill of the mechanic who put them in place. Collar ties (3)—horizontal 2x4's that join rafters below the ridge—lend strength to the roof structure. Rafters should be straight and sound, and firmly seated. There should be incombustible material between the rafters at the top plate (4) as fire protection. Above the rafters will be the roof sheathing (5), (tongue-and-grooved boards that serve as a base for the roofing material) or nailing strips (6), to which shingles are fastened. Plywood is use place of them, in some house

If the attic hasn't been flo you often can see whether the of the house have been insul and how. Notice also whether vision is made for ventilatin attic by windows or louver

By now, you should have a complete list of points needin pair. It should give you a goo dication of the house's condi

Take the list to a contractor ask him to estimate the cost o required work. His figures, a to the price quoted you, will you the total cost of the hous the house is old, compare that with the cost of a new hou similar size. Then—and not b —make your decision.

What do you do about young love?

Begins on pag

Marvins and Jeannies everywhere, must recognize it and guide it. Whether it comes at 12 or 20, we must look upon our own children's love affair as some of our business. We must be prepared for it and we must guide it—if possible—without the lovers realizing it.

The worst mistake we can make is to be openly amused at them, subjecting them to ridicule. Next worst, perhaps, is to become angry and issue lofty do-not commands. Sweethearting is poignant. It is a declaration of personal independence, a first real hint that our ownership of the child is approaching its end. If we buck it we will surely drive the child to immediate rebellion. If we aid it and guide it, we can build a mature family bond that will exalt all parties for life.

Mother Wilson had the good sense not to laugh or be indignant when young Marvin asked for that first date.

"The truth is," she confessed, "I was too astonished to say anything. But I saw the new awareness in Marvin's eyes. And I heard the new assurance in Jeannie's voice. When they walked out together to discuss what movie, I could only murmur 'Oh dear!' "

It is truly an "Oh dear" s tion. For neither you nor I ca much about it. If by the time youngsters are 13 or 14 we hav prepared them for romance, can't suddenly prepare them w the swain goes knocking at maiden's door.

First children and only chil are likely to need prepara most—and to receive less o Judy was our first. Because of ignorance or lack of discernm Judy was driven to meeting first date on the corner a b away, going to a matinee him, then telling us about it a ward. She told it with a stiff li

"I just went," said she, ans ing us. "He asked me, an wanted to go. I hope you ar angry."

We weren't angry, we were ply "Oh dear!" For it was an complished fact. And the fam order of things—to which par so often would cling—had slip right out from under us.

Why hadn't we made it *eas* Judy to tell the young man, was a charming, if somewhat a ward, 14, to call openly for he home? We did make it easier

[*Turn to page*



Miracle Meals!...
with Amazing *Dual-Purpose*
GUARDIAN SERVICE

Foods prepared the "waterless" GUARDIAN SERVICE way are rich in nature's gifts. More of the natural vitamins, minerals, garden-and-orchard-fresh colors and flavors are retained to give you more appetizing, more taste-thrilling meals . . . more economically. *Roasting, baking, broiling* and *frying* are all done top-of-stove. Meat shrinkage is held to a minimum. With GUARDIAN SERVICE, foods are served piping hot direct-from-stove-to-table. No need for special serving dishes. Saves time and extra dishwashing. There is a GUARDIAN SERVICE unit for every purpose and a purpose for every unit.

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GUARDIAN SERVICE

The World's Finest Combination
COOKING and TABLE SERVICE EQUIPMENT
The Easier Way To Cook... the Beautiful Way To Serve



See how GUARDIAN SERVICE is constructed for lasting durability and safety. Patented, extra thick, extra wide, bottoms trap the heat, eliminate "hot spots." No sharp corners, no rivets, no rolled edges. Easy to clean. Ever-cool detachable handles and serving lifters eliminate need for hot pads. Food is prepared over a tiny flame. You save fuel. Kitchens are cooler. Cooking odors are minimized. And, you see what you're cooking through clear glass covers.

TESTED AND COMMENDED by PARENTS' MAGAZINE

GUARDIAN SERVICE is not sold in retail stores. Available only through authorized dealers in principal cities. Consult your classified telephone directory.

FREE! Send for free booklet, "Better Family Health Through Better Food Preparation." Write: Century Metalcraft Corporation, Dept. B-5, 333 North Michigan Ave., Chicago 1, Ill.



MASLAND

MRS. R. STUYVESANT PIERREPONT, JR., at home in Westbury, Long Island. On the floor, "Cotillion," the new sculptured B Broadloom by Masland in Salon Beige, No. 1205-321. About $15.50 sq. yd., slightly higher west of the Rockies. Send for free booklet, "T America At Home." Write Dept. BH-9, C. H. Masland & Sons, Carlisle, Pa.

hat do you do about young love?

nued from page 124

hereafter; Judy herself helped s our children so often do. might ask me again," she d. "Or *someone* might." Truly one would, I knew; for I was g at my child through mas- e eyes. She was as enchanting om had been.

hat will be nice," Mom en- ged, carefully casual. "Boys *posed* to ask girls to go places, . When he does, or any boy he might like it more if you est that he call for you here, at ome."

ke a regular date?" Judy was nly eager. "Like the high- ol crowd, the big girls?"

e we had it! We had kept ung, kept her little. Uninten- lly, unwittingly, but selfishly. looked guiltily into my eyes. helpless.

Posi-tively," said I, plunging. are quite attractive now to— en. Big boys. No reason why shouldn't go out in society. all, you'll be a high-schooler self in a few months."

e was aglow; a great new was opening. I kept telling If she was too young yet for g. But I also had to admit that d already begun, whether I ld or no.

"Quite the proper thing," Mother echoed, quietly. "If it's at night, Daddy or I could run you downtown in the car, then pick you up after the show. Or perhaps one of the boy's parents would want to. Either way is customary, until he has his own driver's license."

"Oh."

"Afternoons, most young people prefer to go on dates alone. On bikes, or the bus. She says 'Surely, Chuck, come by about 2:30. Let's ride our bikes.' Or something like that." Mom was purring beautifully now. "And it would be nice to have some cookies and lemonade ready. It's fun; it's the way girls do."

"Oh, Mommie!" Judy gasped in ecstasy.

"Just open the door and say 'Come in, Charles. I'm ready, but I made some lemonade. Let's sample it before we go. Shall we?' He'll like that, you can be sure, Judy. And remember, *you* do most of the talking, dear. Don't chatter; but ask him little questions, offer him more lemonade, suggest that it's time to start, all the little things. We women have to learn to carry the burden of entertaining our men until they feel at ease with us."

We women! Mom was building

[*Turn to page 172*

Where to get it

items shown in this issue should be able in your local stores. If, however, are not, for your store's convenience dering, we list the names of the com- s making the items.

rner furniture makes the most of room space

20. Corner make-up table: Grand ids Chair Company, Grand Rapids, chigan.
er desk: Charles R. Sligh Company, nd Rapids, Michigan.

pring colors work magic

40. Printed material "Old Lyme"; in materials "Dover": Saison Hap- . Married Fabrics, Bloom, Inc., 15 st 26th Street, New York City 10, w York.
nisette curtains: Berkshire Curtains, cks Head Building, Providence, ode Island.

B's of flower arranging

60. Bowl: Haeger Pottery Company, ndee, Illinois.
dlepoint flower holders: Casa Products mpany, Box 1461, Des Moines, Iowa.
rs: Van 'T Hof & Blokker, Inc., Box 0, Ipswich, Massachusetts.

Put your work on wheels

70. Upstairs maid: Meyer Laundry r, W. F. Meyer & Sons, Merchandise rt, Chicago.
ing carry-all: Hearns folding shop- g and laundry cart, Leipzig & Lippe, ., Merchandise Mart, Chicago.
s-goer: Hollywood cart, Hollywood tal Products Co., Culver City, Cali- nia.
decker runabout: Cosco Rollaway lity Table, Hamilton Mfg. Co., Co- mbus, Indiana.
ng cart: Serv-cart, American Central lg. Corp., Connersville, Indiana.
chen expert: Ezy Roll cart, Parkhurst nd Co., Los Angeles.
ess-helper: Buffet cart, Mary Ryan, Merchandise Mart, Chicago.
chen cabinet on wheels: Portable end abinet, St. Charles Mfg. Co., St. harles, Illinois.
ndry wagon: Bac-Saver laundry cart, Waldmaid Products Co. Inc., Merchandise Mart, Chicago.

Starter pieces

Page 128. Breakfront: Heritage-Henredon Furniture Inc., High Point, North Carolina.
Sectional chest unit: Widdicomb Furniture Co., Grand Rapids, Michigan.
Double-purpose chest: Heritage-Henredon Furniture Inc., High Point, North Carolina.
Provincial writing cabinet: Bodart Furniture, Grand Rapids, Michigan.
Sofa table: Baker Furniture, Inc., Holland, Michigan.

Beds with extra storage

Page 133. Three-part mattress studio bed: Burton Dixie Corp., American Furniture Mart, Chicago, Illinois.
Cedar chest-bed: Skandia Furniture Company, Superior Sleeprite Corporation, 2219 South Halsted St., Chicago, Illinois.

Buy it unfinished

Page 137. Unfinished chest: "Aristo-Built" by Salmanson & Co., 1107 Broadway, New York 10, New York.

Cool furniture

Page 154. Card table and chairs: webbed chairs and coffee table: Dillingham Manufacturing Company, Sheboygan, Wisconsin.
Wrought-iron furniture: Molla, Inc., 171 Madison Avenue, New York 16, New York.

Dining chests with built-in tables

Page 196. Highboy: Park Furniture Company, Inc., Grand Rapids, Michigan.
Dinette chest: American Fixture and Manufacturing Co., St. Louis, Missouri.

Cabinets for special jobs

Page 249. Silver cabinet and table, and telephone cabinet: Hanson Clock Manufacturing Company, Rockford, Illinois.

Ladies be seated

Page 256. Victorian chair and marble-topped coffee table: Victorian Furniture Company, Montgomery, Alabama.
Slipper chair: Selig Manufacturing Company, Leominster, Massachusetts.



Another Acme "Idea Room,"

Made Lovely with Kem-Tone and Harmonizing



ACME PAINTS

TWO ROOMS FROM ONE! This attractive bedroom-sitting room was made over from an upstairs bedroom, by adding an open dividing wall with unusual built-in features. Both rooms gain their soft, pleasant color harmony from the glorious Acme Paint colors *designed* to match, harmonize and contrast with Kem-Tone walls.

YOUR ROOMS—from living room to bath—can have the same soft, glowing harmony. New miracles of paint chemistry have made Acme Quality Paints FINER THAN EVER BEFORE in our 65 years of paint-making! See the Acme Color Hit Parade at your nearest Acme Quality Paint Dealer's. Acme White Lead & Color Works, Detroit 11, Michigan.

Acme means high-quality paints, automobile finishes and insecticides. Largest maker in many fields, a leader in all.

COLOR KEY

1. **Kem-Tone. The Miracle Wall Finish.** Midland Green on walls, Belmont Ivory on ceilings of bedroom and sitting room.
2. **Acme Enamel-Kote.** Persian Orange on walls of linen-closet sections. A brilliant, shiny, easy-to-wash finish!
3. **Acme Semi-Gloss Finish.** Peach on bathroom walls, and inside of all shelves in dividing wall; Old Ivory on face and folding screen section of dividing wall. Cool Green on bedroom-sitting room woodwork.
4. **Acme Floor and Porch Enamel.** Tile Green, on floor in both rooms and porch. Harmonizes with walls and accent-pieces, provides a firm "color-anchor" for the rooms' soft, pale tints. Hard, tilelike finish is easy to mop or wax!
5. **Acme Varno-Lac.** Mahogany on bedroom furniture; Light Oak on coffee table and chaise longue (on porch). Stains and varnishes in one easy operation! Notice the rich, *wood* colors!

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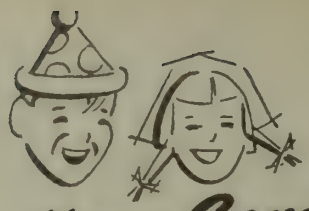


All in the ACME Family!

Acme Quality Paints harmonize perfectly with Kem-Tone, the Miracle Wall Finish. They'll live happily with you, too. Look for the distinctive Acme label when you buy. See your Acme dealer today!

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OPEN the WIGWAM!



● Youngsters — and older folks, too — will love this unique Wigwam Cookie Jar! It's 11" high, of genuine vitreous china, brightly hand-decorated. The Wigwam and other Cookie Jars shown are exclusive Abingdon designs.

Lift the Windmill's Lid!

● Good cookies are more popular than ever when they're housed in these bright new Abingdon Cookie Jars! The Windmill Cookie Jar is 10½" high, hand-decorated in bright, authentic Dutch colors. Gay tulip design on base.



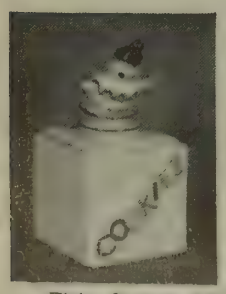
Tilt the Horse's Head!





● Hobby Horse Cookie Jar is 10½" high — another winsome invitation to "have some cookies"! Famous Abingdon quality craftsmanship.

Upset the CLOWN!



● Novel Jack-in-the-Box Cookie Jar brightens any kitchen! It's 11" high, decorated in gay circus colors. Ask for Jack-in-the-Box or other Abingdon Cookie Jars by name at better department stores and gift shops everywhere.

Write for new 1949 catalog showing over 100 gorgeous new Abingdon bowls, planters, and decorative pieces.

Abingdon POTTERY

ABINGDON POTTERIES, Inc.
Abingdon, Ill.

Starter pieces

Even if your budget is small, plan for one piece of fine furniture

By Helen W. Aves

Just because your budget is small, don't cheat yourself out of the fun of having at least one starter piece of really good furniture. A starter piece—though it may cost a lot—is a smart buy because it's a lifetime furniture investment you can enjoy right now.

Take your time about buying your starter piece. Have the fun of searching through the stores for something special. Look at the double-purpose chests and tables that will give you more use from your space, and sectional units which you can add to later.

Here are a few types of occasional pieces you might want as starters. Look them over.

More photographs on page 130

Where to get it, page 127



Drawer and shelf space is a must in the smallest home, so a bre front is a logical choice as starter piece. This simply designed hogany breakfront will serve equally well in your living roon dining room—and may be fitted into a study someday. The c section is neatly compartmented for efficient use. Pull-out shelve sides are sturdy enough to support good reading-and-writing la

Photographs: Bayne



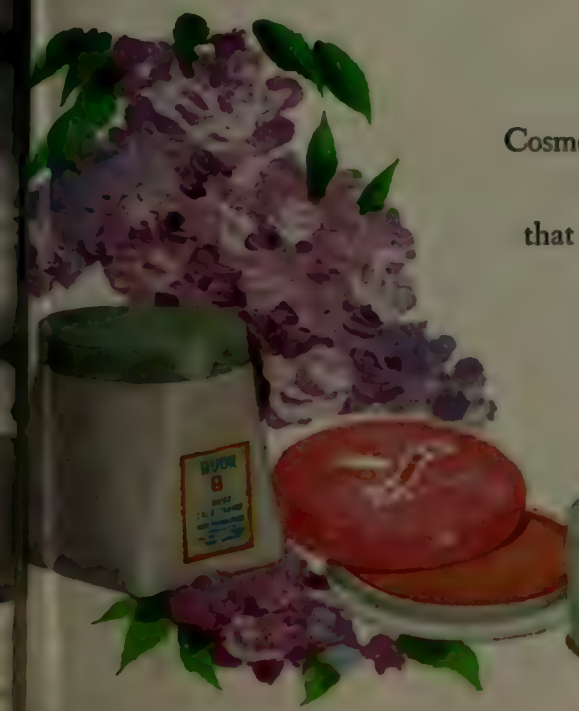
Sectional chests like this are a wise bet as a starter piece because you may buy parts individually, as your buc and space permit. Begin with one of the three-drawer chests in the base and, later, add the desk unit (center). Or a pair of the small two-drawer units. You can always be sure the light mahogany finish will blend with other furni

r Dimitri

MRS. HENRY CANBY BIDDLE, JR. of "Canby Lodge", Chester Springs, Pennsylvania — noted Equestrienne and popular young matron of Philadelphia society.

"I fell in Love with Avon in Philadelphia

. . . When the Avon Representative called at my home."



"How pampered we women are," says Mrs. Biddle, "to have these wonderful Avon Cosmetics brought right to our homes by the Avon Representative."

Lovely women throughout America share Mrs. Biddle's enthusiasm for Avon, the cosmetics that you select and purchase right in your own home from the friendly Avon Representative. For more than 62 years Avon has followed this queenly custom and today, Avon Cosmetics are preferred from coast to coast for their high quality and fashionable shades, as well as their freshness.

Since Avon Cosmetics can only be purchased from the Avon Representative, welcome her when she calls.

Avon cosmetics

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Be sure it's a Toastmaster Toaster

FOR YEARS OF SATISFACTION!

You'll enjoy perfect toast every time—for a long, long time—with the famous "Toastmaster" Toaster. We often hear from folks whose "Toastmaster"* Toasters are still going strong after *twenty* years : : : and more! Yes, you'll be endlessly pleased with flawless performance—and with jewel-like beauty, too. For here, in glittering chromium, is the toaster that mirrors many a happy mealtime. So enjoy years of satisfaction with the favorite—*America's most-wanted toaster*. Own the finest and expect many a compliment from your friends. Be certain to . . .

Look for the **TOASTMASTER** *name on your toaster . . . others will!*

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The famous Superflex toast timer automatically pops up perfect toast every time.



EASY TO KEEP CLEAN
Touch the button and the crumb tray opens instantly for quick, easy cleaning.



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Lift the toaster easily and safely by the large, cool, finger-fitting handles.



TOASTMASTER Automatic Pop-Up Toaster

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Starter pieces

Begins on page 128





Double-purpose starter piec will prove a double blessing i a small home. The pull-o shelf makes this mahogan chest a handy dining-roo server or hall desk. And would be a handsome burea for bedroom or guest roon The chest's restrained desig blends with almost all furnitur Each drawer locks separatel

Provincial secretary has tr lines that look right in an i formal setting or against a bac drop of sophisticated sleekne And it will make a wonderf accent piece in almost an room. Use the secretary as desk, bookcase, or show-o place for your knickknac



Sofa tables, like this copy of an old English piece, seem at home i many settings. Think of the places it could be useful . . . as a dinin table for two, as a writing table, as a dining-room server, or as a displa piece in a bay window. This sofa table is golden-toned yew woo

Flower fresh...



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ON
DAN RIVER SHEETS

REPLACEMENT OR REFUND OF MONEY
Guaranteed by Good Housekeeping
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Wonderful dreaming—wonderful waking to the morning-bright caress of Dan River Sheets. Petal smooth, flower fresh, they're pure luxury . . . yet with steadfast qualities of wear that make them a thrifty choice. For sheets that give all-around satisfaction, remember to ask for Dan Rivers—in the new pastel flower package, at your favorite store. Dan River Mills, Inc.

You *could* wash it with a hose!



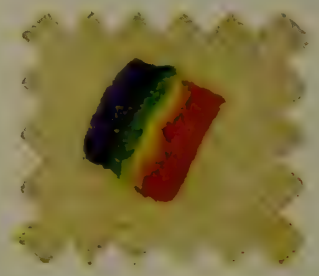
THIS UPHOLSTERY OF BEAUTIFUL, SUPPLE NAUGAHYDE IS "EVERLASTING"

We don't recommend that any lovely furniture be treated rashly. But you can wash beautiful Naugahyde with speed, ease and safety—*as often as you like!*

Yes, just wash away accidental spills, stains, even acids—harmlessly. Enduringly beautiful Naugahyde comes up fresh as new in any of its sparkling colors. It won't fade.

And because Naugahyde is so tough it offers other wonders, too! *Won't* mark, crack, peel, scuff, split or chip.

YOU CAN HAVE SMART NEW FURNITURE covered with Naugahyde, or have your own furniture re-upholstered. Ask your Decorator, Upholsterer or Department Store. Naugahyde is also available by the yard in drapery departments.



A Rainbow of 61 Colors and handsome finishes.

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LOOK FOR THIS LABEL

IN ADDITION TO U. S. NAUGAHYDE PLASTIC-COATED FABRIC, WE MANUFACTURE U. S. NAUGAHYDE WALL COVERING AND U. S. ROYALENE ALL-PLASTIC UPHOLSTERY

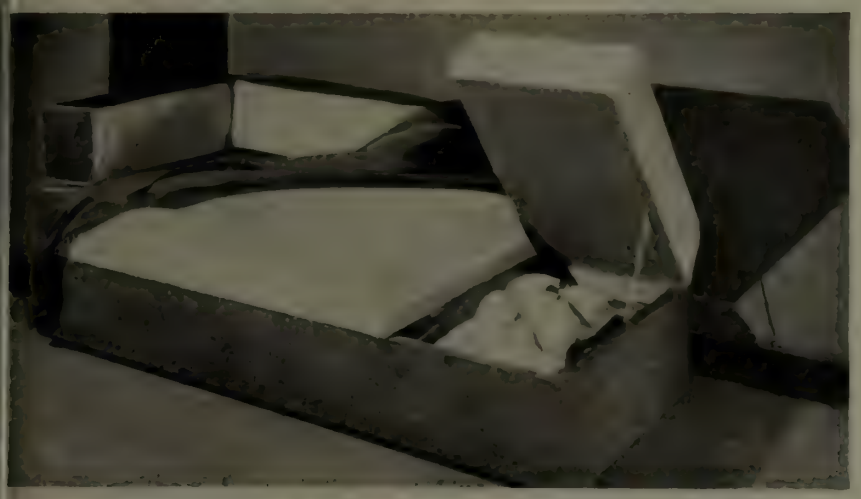
UNITED STATES RUBBER COMPANY ❖ MISHAWAKA, INDIANA

New double-purpose furniture

Beds with extra storage



Studio-sized bed in a trim cover doubles as a sofa by day. Ready-made bolsters lined across the back narrow the bed to regular sofa width. Then at night, the bed is easily made up



Top and bottom sections of the bed above swing up so you can store blankets and linens in the box base. Breaks in the three-part mattress occur at knee and shoulder level where you'll hardly notice them



Cedar chest-bed combination adds bedroom storage without stealing space. Only handles on the foot of the bed suggest the bed has another function. Chest-bed comes in silver-gray oak, limed oak, or walnut in both single and double beds



Cedar chest slides out from the foot of the bed like a drawer. Special ready-made springs (16 inches shorter than most) leave space under the bed for the cedar chest. Since the bed has a full-length innerspring mattress, you won't miss the extra inches of spring length at the foot of bed

See also page 196





Beauty that's yours for years...

Lloyd Dinette Furniture

— with the new Plastic-on-Steel Table Top

It's bright beauty — colorful beauty — beauty to be proud of. But more than that, it's practical beauty, coupled with quality that saves you work and money.

Genuine Lloydite plastic, firmly laminated to steel, forms the gleaming table top. Light can't fade it. Fruit juices or alcohol can't stain it. Lighted cigarettes or boiling water can't mar it.

From the tough-but-lovely plastic of the chair coverings to the extra-heavy chrome plate, these Lloyd sets are designed for long wear and easy care.

See the selection of styles and colors at leading furniture and department stores — or write for the name of your nearest dealer.

Somebody forget a cigarette? Don't worry, it can't harm the plastic-on-steel table top.



Lloyd

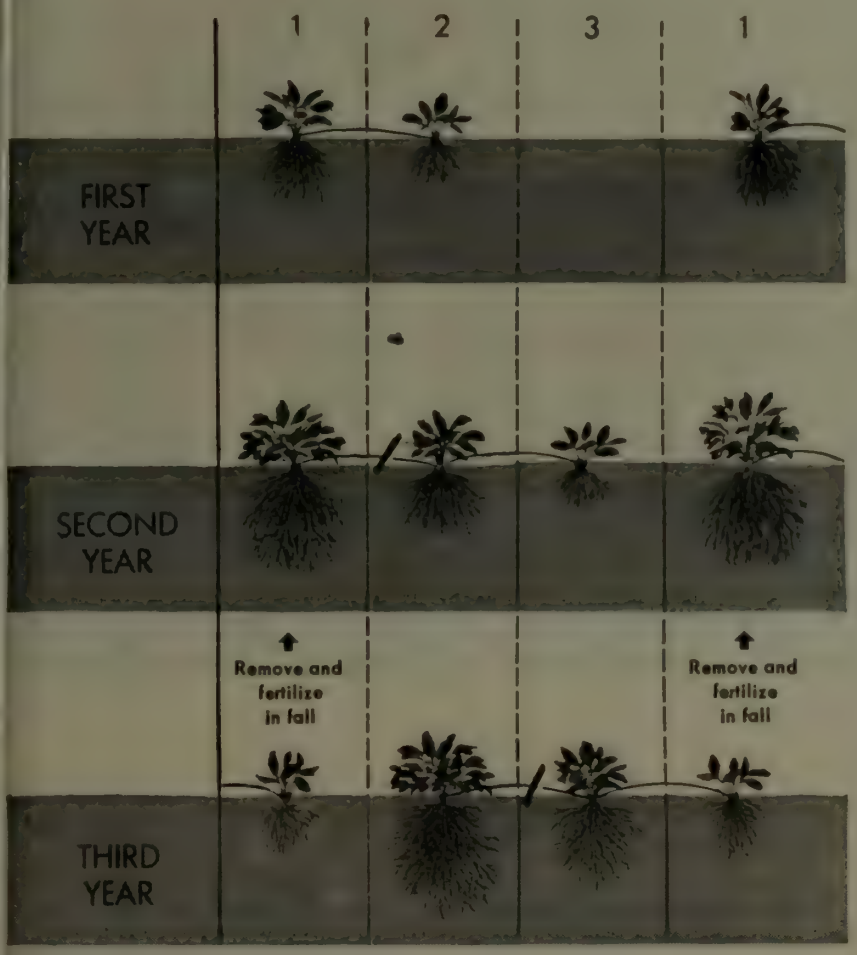
The Lloyd Mfg. Co., Menominee, Michigan

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A permanent strawberry bed

By F. E. Potter

Don't leave strawberries out of your garden just because you've been told a bed must be moved and replanted every two years. Here's an idea for a permanent bed that will continue to give abundant berries. Prepare soil as for any strawberry bed. Plant everbearers 18 inches apart in rows, with 30 inches between rows. Pick off all blossoms until July to let plants gain strength. Then follow steps below. Diagrams, of course, show only part of bed.



First year. When runners appear, root one from each plant to start a second row 10 inches away as shown. Pick off all other runners and keep blossoms removed from Row 2 all season. By late summer you can pick berries from first row.

Second year. The next spring, start a third row with runners from Row 2, and keep it picked clean of blossoms as before. The first and second rows are now bearing all season. In the fall dig up Row 1, discard plants, and thoroughly fertilize.

Third year. The following spring, use runners from Row 3 to start row to fill space where Row 1 had been. In the fall, of course, Row 2 will be dug up. Repeat the process each year digging up the oldest rows in the fall, fertilizing the soil, and then rooting new plants in empty space the following spring. Root a few extra plants to replace any that die.

You're triple-sure of

Sure-Fit

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Slip Covers

Ready-tailored . . . though your friends will hardly believe it, these covers fit so accurately. And the designs! . . . a decorator touch in correlations of florals with stripes and solid colors, in just the shades to go with *your* room scheme. Do see them soon . . . see the triple-sure fitting features that make these patented slipcovers so outstanding!

For chairs, about $8.98 to $13.98
For sofas, about $17.98 to $27.98



1. *SURE, smooth-clinging fit because of the patented elastic action back made with Lastex yarn.*



2. *SURE, flat fastening with the zipper closure. Usually found only in expensive custom-mades.*



3. *SURE anchoring to furniture with the Sta-Fast adjustment which prevents creeping, sliding, twisting.*



At good stores everywhere . . . For name of your nearest dealer, write
SURE-FIT PRODUCTS COMPANY, 353 FIFTH AVENUE, NEW YORK 16

Gulistan Renaissance in Fernmist Green about $15.75 per sq. yd., higher in the West and South. Also in Cloud Grey, Willow, Maraschino, Ocean Turquoise, Majolica Rose, Barley Beige. Other lovely Gulistan weaves $7.75 up.

Photography, Tony Ventti





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THE THEME NORTHWEST MODERN

"You'll find," says Deering Davis, famous member of the American Institute of Decorators, "that textured carpet, wall to wall in one color, adds amazing spaciousness."

Picture that room of yours, looking marvelously larger, carpeted with Gulistan Renaissance in *your* color . . . perhaps the Fernmist Green shown in this delightful Seattle home. Just imagine how your guests will admire the fascinating light-and-shadow pattern in the luxurious, deep-sculptured weave! Remember . . . before choosing new carpet, be sure to see Gulistan! Ask your favorite store.

THE KEYNOTE

GULISTAN

CARPET

WOVEN ON POWER LOOMS IN THE U. S. A. • A. & M. KARAGHEUSIAN, INC., FIFTH AVENUE, NEW YORK



BEFORE Well-built unfinished furniture like this chest is becoming more and more available. Look for smooth, knot-free wood. Make sure the joints are tight and that the drawers slide easily



AFTER With finish on, the wood has become a warm, rich walnut. The grain is subdued, and successive coats of clear lacquer build up to a durable, low-toned gloss rather than a sharp shine. The brown stains work best on pine; avoid red stains like mahogany. You should do your finishing job in a dust-free, well-ventilated room with the temperature kept at 70 degrees or above

Buy it unfinished

Yes, you *can* stain unfinished furniture. Here is how to reach a durable, handsome finish

By John Webster

If you have an eye on your budget most of the time, low-cost unfinished furniture may solve many of your furnishings problems.

But every piece of unfinished furniture you buy brings you up against this immediate question—how should it be finished?

You can paint it, of course, using enamel undercoat followed by two coats of quick-drying enamel. Or you can get a natural blonde finish with varnish and wax.

But what if you prefer a stained finish, or want to match the piece to other furniture? Changing the color of soft white pine without hiding the grain can be difficult, for the wood is inclined to soak up the stain rapidly and unevenly. But it can be done.

The secret lies in using a slow-drying pigment oil stain. Don't use penetrating stain; it strikes in too rapidly and is difficult to control. Water stain raises the grain and makes extra sanding necessary. Spirit stain evaporates too rapidly for easy use.

The stain-finish technique shown in the photographs is almost foolproof. If you have access to spray-gun equipment, or even a vacuum cleaner attachment, you can get a smoother lacquer coat. As an alternate final finish, easier to apply but somewhat less durable, you could use three coats of flat or semi-gloss varnish.

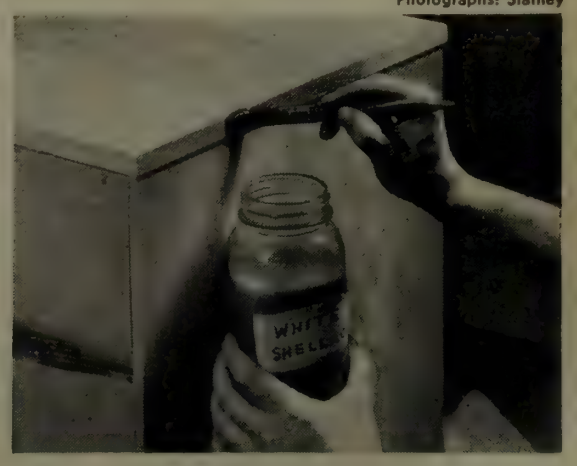
Photographs: Stanley



Removing mars. Dents and mars must be smoothed, for staining accents defects. Shallow dents often can be raised with a damp cloth and a hot iron. Hide deep mars with wood filler. Add lacquer thinner to filler, and it will take stain. Glue splinters down



Sanding. Before any finish is applied, sand with the grain, using 3-0 sandpaper on a padded block. Round corners slightly; finish won't stick if they're sharp. Remove greasy finger marks and glue drops, or spots will show. Dust with a turpentine cloth



Sealing end-grain. Exposed end-grain is absorbent. Unless you seal it, stain will strike in until edge is black. Seal with a thin coat of white shellac, brushed on before stain is applied. If shellac laps onto side grain, sand it off as soon as it is dry

Where to get it, page 127

More on next page



Buy it unfinished

Begins on page 137



Applying stain. On pine, you'll get best results with pigment oil stain, wiped on with a cloth. To lighten color, wipe over it at once with second cloth. Stain gets lighter as it dries. Test stain on hidden place; if it is too dark after drying 24 hours you can lighten the liquid stain by adding boiled linseed oil



Sealing surface. After stain has dried 24 hours, seal pores in wood with white shellac or lacquer seal. If you use shellac, thin it down 50-50 with alcohol, and flow it on carefully with a brush. When the shellac is dry, smooth it by rubbing down with 3-0 steel wool, and dust with a turpentine-soaked cloth



Applying lacquer. Finish with three coats of clear, brush-type lacquer. Lacquer dries very rapidly. Flow it on, brushing with the grain, and don't try to brush back over it. Watch for runs, smoothing them out lightly before they set. Between coats and after final coat, rub carefully with 3-0 steel wool, and dust



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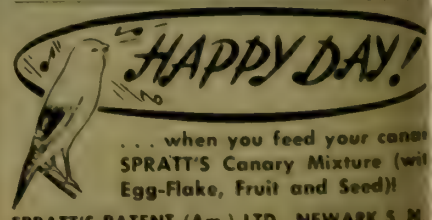
It's a table—a desk—a homemaker's delight—an adaptable, versatile, Sheraton Table-Desk. One of the fine pieces from the magnificent Brandt Collection.



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SPRATT'S Canary Mixture (wit
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eadlier than DDT

Begins on page 39

not sprayed again until the ssom petals have fallen, after bees have gone. They are aved once later to control cod- moth and red spider.

ome of the big greenhouses, rticularly the big rose ranges h hundreds of thousands of are feet of glass, are equally im- ssive. They all look good, and athion fumigation with aerosol nbs is almost universal.

ow can any one insecticide do h a complete job on insects? v does it kill both sucking and wing insects, when other ma- ils won't?

Here is the secret of parathion. It hree insecticides rolled into one. kills by fumigation. It kills by tact. It kills as a stomach ison. The cleanout is complete. gs, pre-moult young, adults. erything goes. Though it has ost no residual effect like DDT, ng weeks after application, it es no "seed" insects to reinfest greenhouse, orchard, or gar- n. Not until a new flight or mi- tion reinfests the area will in- s reappear. It has "reach" so t not only the insects that actu- touch it die—it destroys those where near the area sprayed.

DDT stored in your fat?

Unlike DDT, parathion ap- parently does not accumulate in the soil nor in one's body fat. DDT is strange that way. Used repeatedly in an orchard or gar- den and turned under along with the plant residues, it remains there, insoluble, without chang- ing form. If enough accumulates, as experiments indicate it well may after 8 or 10 years, it can stunt plant growth. Its accumu- lation in body fat is even stranger. If a cow eats feeds on which DDT residue remains, the DDT is given off in the butter- fat in her milk (you can make a good fly spray of it). If a hog eats such feeds, the DDT is stored in the hog's fat. Then if you drink the milk or eat the pork, the DDT is stored in your fat. What happens from there on is unknown. DDT-fed rats have stored three times the killing dose of DDT in their fat, with- out harm. But suppose, because of diet or illness, you begin to consume this stored fat, releas- ing the poison into your blood stream—what then?

Parathion doesn't pose that threat.

It is all but impossible to rate an secticide in direct comparison th another. Parathion has been lled "a hundred times more werful than DDT." In some ys, this is true. In others, per- haps 10 times would be closer to the truth. In still others, like long-lasting effect, parathion can't compare. This is both an advan- tage and a disadvantage. It is this long-lasting effect that has made DDT so dangerous to pollinating insects and such a threat on foods to be eaten by man. It is this long- lasting effect that made DDT so effective in wartime against mos- quitoes and lice and filth, and has made it so effective as a household insecticide against flies and fleas and big bugs and moths.

But what of insects that aren't touched by DDT—redspider-mite and aphids, for example—but are destroyed utterly by parathion? Does this give us a rating of infin- ity? If we must make a comparison, let's put it this way: I know of no single insect which can be killed better with DDT than with para- thion, and the reverse is true of most economic insects.

In less than two years, used as a dust, a spray, and an aerosol, para- thion became the most important insecticide in commerce, at least in the number of uses found for it. Although rather high in cost, it is being given preference for many uses where older insecticides have proved ineffective. Orchard opera- tors, disgusted with the failure of DDT to control mites, have wel- comed it with open arms.

But keep its record straight. It isn't quite a universal insecticide. It has failed on cyclamen mite, sometimes a pest on outdoor flow- ers like delphinium. It has no effect on the hard forms of scale, though it will kill the soft young form of the same species. Pill bugs or sow bugs seem to be able to roll up and shut out its toxic effects. I have also heard reports that the cotton boll weevil is not harmed by it. Except for these few, however, I have not heard of any other eco- nomic insects it will not kill. Its poisoning action seems to be much like that of the nerve-destroying DDT. It gives them the same death jitters.

Against the flies that resist DDT, widely reported in the press lately, it seems fully effective.

There has been much talk this spring that the department of agri- culture would release parathion for use in home gardens. Maybe. There's a lot about it that isn't yet known. Possibly it will never be released. There is ample cause for caution. Obviously, any ma- terial so deadly to insects must have some harmful effect on warm- blooded animals as well.

The cautions on the commercial packages alone would be enough to scare off most gardeners for life. Men applying parathion indoors look like visitors from Mars, with long rubber coats, rubber capes that cover the neck and head, and their faces covered with Mine Standards masks. They usually walk under a shower and wash off every vestige of the spray before touching their rubber clothing.

[*Turn to page 285*



A new
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fuel-thrifty Furnace

Top heating comfort at low cost, in a compact unit for small homes

If you're heating a small home — a ranch-type house — or an individually heated apartment, here's the perfect furnace for you!

Compact and smartly styled, it will go in your closet, or it's ideal for either basement or utility rooms. The new white finish matches your range and refrigerator for smart kitchen installations.

Your fuel budget gets a break when you install this new Type 110—or any other Mueller Climatrol Furnace for that matter. Each one is carefully engineered to give you *full* comfort value for every dollar you spend on fuel. That's why thousands of home-owners follow the sage advice of architects and builders: They choose Mueller Climatrol heating — whether they prefer gas, oil, or coal . . . warm air, hot water, steam or vapor.

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The Celotex Dealers and Builders of America join with The Celotex Corporation to bring you the THREE-KEY PLAN *to*

Attractive, Modern Homes for Modest Budgets

YOUR FAMILY still on the waiting list for a new home, despite the hundreds of usands that have been built to meet the atest demand in our nation's history? Have you, like millions of other Amer-s, been wondering how you can build home you need now, at a price within r means?

Even though yours be a modest income, need no longer put up with the dis-fort and inconvenience of inadequate ng quarters for your loved ones.

We of The Celotex Corporation have focused our full attention on the problem of how livable, lasting homes could be brought within the reach of families of modest means. We studied this problem in the light of our 25 years of experience in reducing building costs through increasing building efficiency. We consulted many outstanding architects and builders, analyzed hundreds of house plans.

Regardless of what you may previously have heard or read on the subject, we state that *even today, when everything costs more, it* is *possible for the family of moderate income to build a comfortable, beautiful, enduring home at a sensible price.* And we offer the following sound, simple *Three-Key Plan* as a guide.

SOME FAMOUS CELOTEX MATERIALS TO M



Celotex Insulating Sheathing—*Asphalt coated for greater moisture protection, it combines greater structural strength and better insulation, too—three vital functions at one low cost!*



Celotex Insulating Lath—*Make perior base for plaster—builc insulates, at the same time, pe both of these important jobs at one low cost!*

Celotex Presents the Three-Key Plan



Key Number One opens the way to the right design at the right price

We asked a group of America's most skillful, practical architects to design a series of quality homes at common-sense cost. They were given free rein with just one important restriction: *These homes must embody the proven basic principles of efficiency and economy in design and construction.*

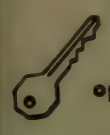
Through such advancements as improved planning that saves building time and work . . . use of Celotex quality materials that perform two or more functions at a single cost . . . use of standard framework and millwork sizes, these homes assure you that none of your money will go into needless frills or extravagances. They give you assurance that you can start right now to build a substantial, beautiful home that you will cherish all through life at a price within the means of an average family.



Key Number Two opens the way to the right materials at the right price

Top quality building materials are again available, and in ample quantities. To make sure you get the best for your money, there is no more important man to see in your community than your Celotex dealer. He can tell you exactly how to go about building the beautiful home pictured here, or several others designed for Celotex in a variety of price ranges, or still others in his own collection of moderate priced homes. He can give you a complete estimate of their cost and put you in touch with a reliable architect and builder.

He has a keen awareness of what's new and better in building methods and products. This man is more than just a lumber merchant today—he is the man who knows your local conditions, costs, laws, building codes. And he can tell you how to make arrangements for financing your home, too. He is the man to consult—the man in whom to place your confidence.



Key Number Three opens the way to beautiful modern interiors

To give the Celotex Three-Key Plan added interest to the homemaker, we have retained Helen Koues, nationally famous decorator, founder and for many years the director of Good Housekeeping Magazine's Studio of Architecture, Building and Furnishing. She shows with simple sketches how the interiors of these homes can be created. She has provided arrangements and color scheme suggestions of modern charm and good taste, planned with efficiency and economy uppermost in mind.



This home was designed by Architect Earl G. Nelson for The Celotex Corporation. One of a series of beautiful, enduring homes that can be built now at common-sense cost by families with average income.



FLOOR PLAN

YOU ALWAYS BUILD BETTER WITH CELOTEX BUILDING PRODUCTS

Your dealer knows there is no substitute for *genuine* Celotex quality. Only Celotex, for example, has the exclusive patented Ferox process. This makes Celotex cane fibre products proof against dry rot, termites or fungus. As a result, building experts who have examined Celotex materials used in homes over 25 years ago find them still as sound and strong as ever, still saving home owners money and trouble.

Remember—more homes are built with Celotex than with *any* other rigid insulation materials in the world. Whether you are building or remodeling—be satisfied with nothing less than *genuine* Celotex quality.



ADD ANOTHER BEDROOM TO YOUR PRESENT HOME THIS EASY, LOW-COST WAY

Need an extra bedroom? Get it simply by remodeling that unused attic into a charming, comfortable room that anyone would love to call his or her own. It's quick, easy, and inexpensive to do with Celotex Insulating Interior Finishes. These come in Building Board, Tile Board, or Finish Plank form, permitting a variety of design treatments for walls and ceilings. They build for strength, insulate for comfort, decorate for beauty—all at one time, at one low cost! They are ideal for turning unused attic or basement space into a bedroom, rumpus room, or extra room of any sort. Ask your Celotex dealer or builder for full details on remodeling the low-cost Celotex way.



MAIL COUPON BELOW FOR DETAILED CELO CHARTS GIVING FLOOR PLANS AND DESCRIPTIONS OF THREE HOMES

You get complete basic information on the home pictured here and two others, covering a variety of price ranges. All the elevations, floor plans and area dimensions needed for preparation of complete working plans and specifications. Plus interior decorating suggestions by Helen Koues. From these CELO CHARTS, your Celotex dealer can estimate cost of building these homes in your locality. Mail the coupon now!

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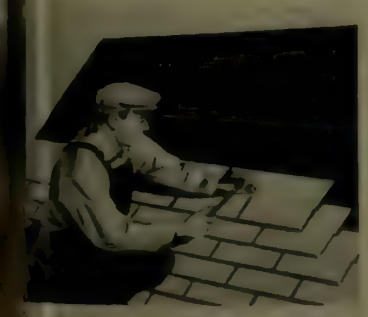
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Celotex Rock Wool Insulation—Blown into walls and attic floors of your present home by Registered Celotex Applicators. Takes only a few hours. Result—saves fuel bills, adds comfort.

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I enclose 25c in coin, for which please mail me the CELO CHARTS of three homes designed for The Celotex Corporation, covering a variety of price ranges.

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Time-saving too



Thinner peel, slicker job, less time lost

Vegetable parer. Comp comfortable relaxed grip- paring tool, below, versus more tiring, time-consun knife. Use parer for small sh ding jobs, carrot curls; hoc for radish roses, potato





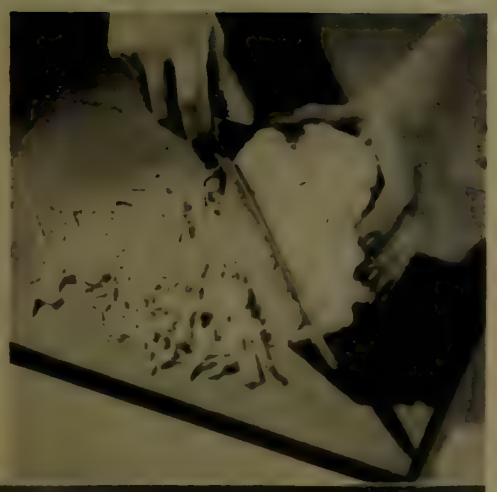
A good turn is better than a lot of push

Food mill. It takes 3½ m utes to push tomatoes thro the sieve with a spoon. W the food mill, you do the sc job, and in less than 2 min



...egins on page 68

...nless you're ex-
...ert on the knife,
...he shredder's
...aster



...redder. Just one push and ...u get a serving of slaw. The ...redder is a fast, neat worker ...lots faster than the knife. It ...ll slice carrots and potatoes



...ore low-cost tools to make your
work easier, faster, more thorough



...egetable brush. Celery, asparagus, rhubarb, and potatoes are ...ining clean in a hurry if you use a vegetable brush. Keep one on hand ...st for vegetables—in the cabinet under the sink where it's within reach

More on page 190



FIRST LOOK at Admiral's new

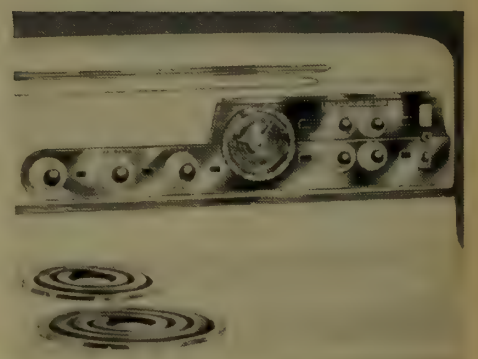
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Cool, clean, automatic electric cooking---without 'learning all over again'!

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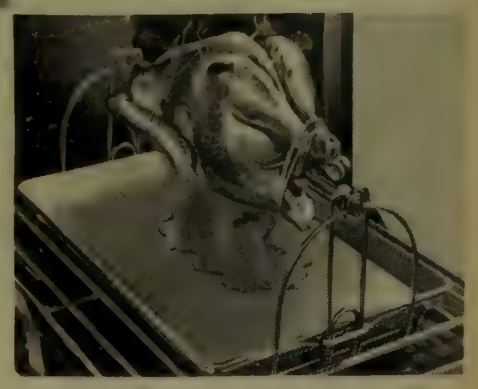




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Just Whistle...

by Bissell



The house is shining-clean for the wedding . . . when excelsior from Aunt Clara's last-minute wedding gift goes all over the carpet! What to do?

Just whistle . . . and whisk out the Bissell Carpet Sweeper. That new "Bisco-matic"* Brush Action sweeps clean without any pressure on the handle. . . .



Works automatically, adjusting itself to any rug, from the thickest broadloom to the smoothest Oriental! It even picks up perfectly when the handle is held *low*, for sweeping under tables and chairs.

Hint to brides: Use your vacuum for periodic cleaning, a "Bisco-matic" Bissell® for everyday quick pick-ups.



Exceptional values. "Bisco-matic" Bissells with "Sta-up" Handle and easy "Flip-O" Empty as low as $6.45. Other models for even less. Illustrated: the "Vanity" at $8.45.

Bissell Sweepers

The Bissell Carpet Sweeper Company
Grand Rapids 2, Mich.

*Reg. U. S. Pat. Off. Bissell's patented full spring controlled brush

Renew that bathroom yourself

. . . and make it gleam with new life and beauty

Cover up those plaster cracks—and put new lif into your bathroom walls with enamel-finish tile Tiles have rough backs that you can cement to an surface. Here we show you how tiles worked in th bathroom of one family who used them.

By Mary Allen Fagen



BEFORE Though our bathroom was well arranged as small bathrooms go, it looked bare and cold. It needed brightening up, so we decided to get wall tiles with baked-on enamel finish

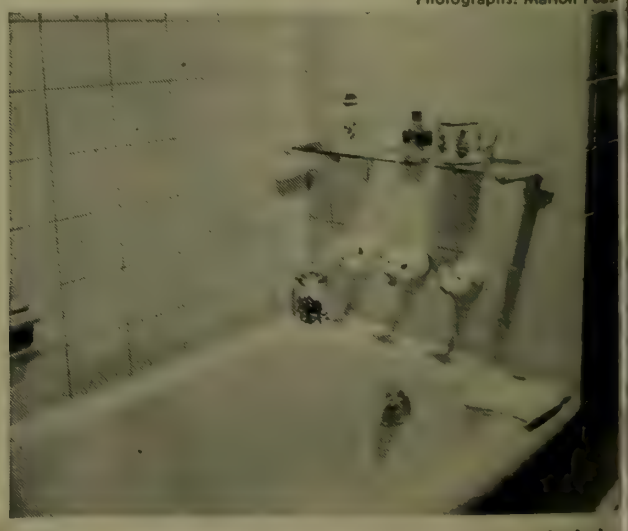


AFTER Sparkling-white tile on the walls and floral wallpaper on the ceiling and above the dado (those floral curtains match) made a big difference. A new washbowl and a new medicine chest were put in to take less space than the old ones did. I made the lamp shades and wastebasket cover out of scraps of new wallpaper

Photographs: Marion Pea

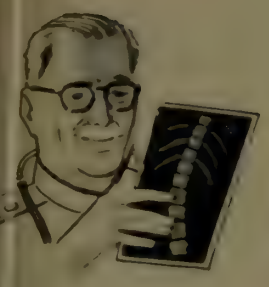


BEFORE Our plaster walls were beginning to chip and crack. Frequent refilling and painting never seemed to help. We needed to have the walls around the bathtub, especially where there was a lot of moisture and heat, covered with something that would look good permanently



AFTER Tiles went on right over the plaster and hid the cracks. The baked-on finish won't crack, craze, or peel, so I can keep the tile walls clean with a whisk of a damp cloth. Soap dishes and towel racks and glass shelf are new, too. Cost for everything done in the bathroom: $160

Revolutionary New Sleeping Comfort!



Serta questioned hundreds of orthopedic doctors, took x-ray photos and stroboscopic action pictures. Here are the facts:



You Sleep ON It — Not *IN* It!

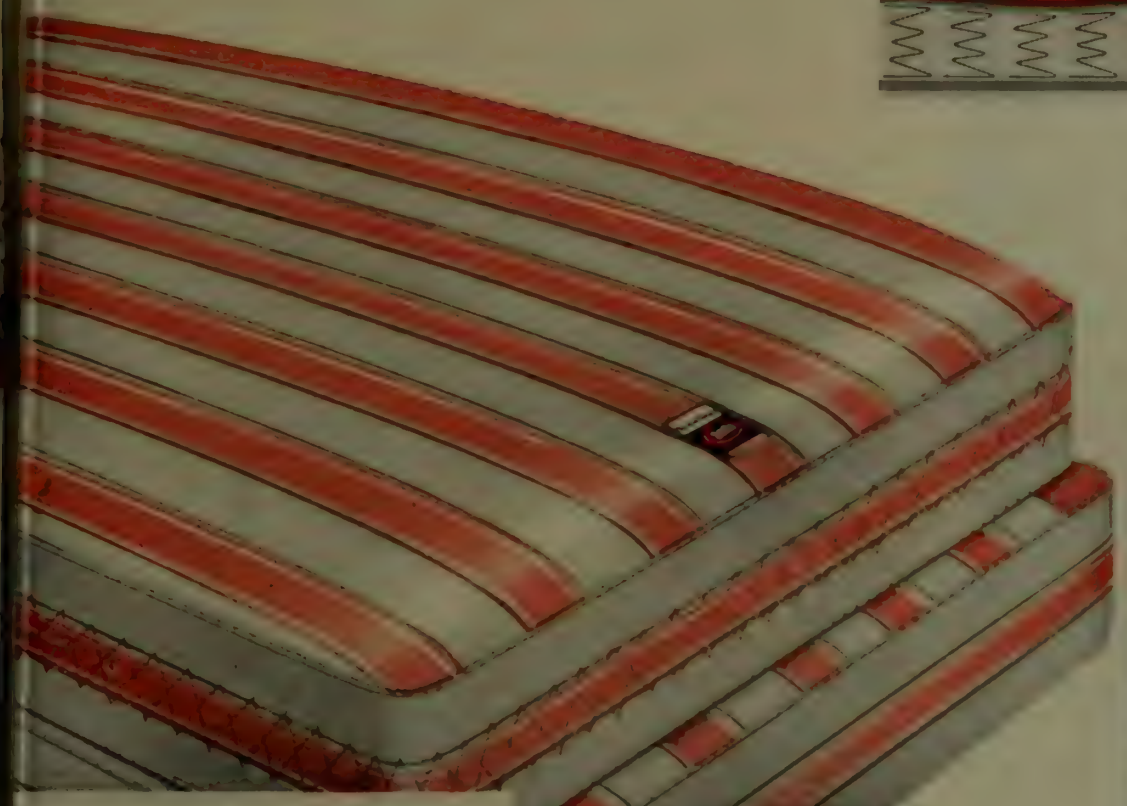
Fig. 1—X-ray photo shows a normal person lying on the "Perfect Sleeper" Mattress—built to specifications approved by orthopedic specialists. Notice the spine is given *level,* even support. This makes complete relaxation possible . . . permits more restful sleep.

Fig. 2—Same sleeper on common type of soft mattress with many individually covered coils. Notice body sinking into mattress. Doctors say this often causes muscle strain and backache. "Form fitting" springs also confine body heat, causing restless sleep.



Fig. 1—Laboratory photos show that bowling ball dropped on a "Perfect Sleeper" bounces high! This proves the extra springy resiliency of this mattress which combines with healthful support to give complete sleeping comfort.

Fig. 2—Same test made on a common type of soft mattress with many individually covered coils. Note the low bounce of the bowling ball on this mattress — as compared with the high bounce produced by the "Perfect Sleeper."



Exclusive Serta Features

. . . the secret of this wonderful comfort



"Uni-Matic" Spring Top—Steelbands lengthwise across top and bottom of innerspring unit weave coils into one big, resilient cushion ...provide healthful, more restful "all-over" support.

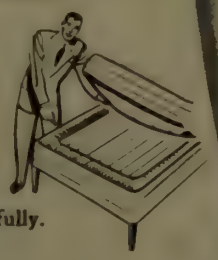
FLAT...NOT ROUND



Reinforced Center Panel—Patented "Ribbon Steel" coils in center section of mattress give far greater "live" resiliency where you need it most—more relaxing, more satisfying!



For Every Size or Weight—The "Perfect Sleeper" adjusts automatically to your individual comfort needs.



"Perfect Sleeper" Box Spring—with scientifically improved raised edge construction gives ideal support and protection to the mattress, completes your healthful sleeping comfort. Dustless, noiseless—dresses your bed more beautifully.

Serta

Look for this label—Your guarantee of dependable quality and value.

Serta "Perfect Sleeper" mattress

America's Greatest Mattress Value!

Only $49.50 Matching Box Spring, Same Price

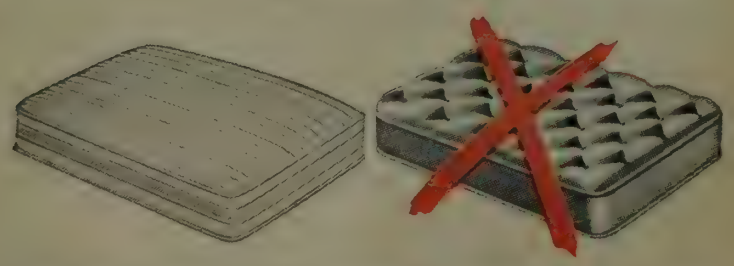
"Perfect Sleeper" Supreme Mattress cushioned with Foam Latex.....$79.50
"Perfect Sleeper" DeLuxe Mattress and Box Spring.....each 59.50
Serta-Rest Mattress and Box Spring..each 39.50
Tiny "Perfect Sleeper" Crib Mattress.....16.50

(Canadian Prices Slightly Higher. All Prices Subject to Change Without Notice)

Serta Bedding Available in Twin, ¾ and Full Size—Also Extra Widths and Lengths

more restful smooth-top

—approved by thousands



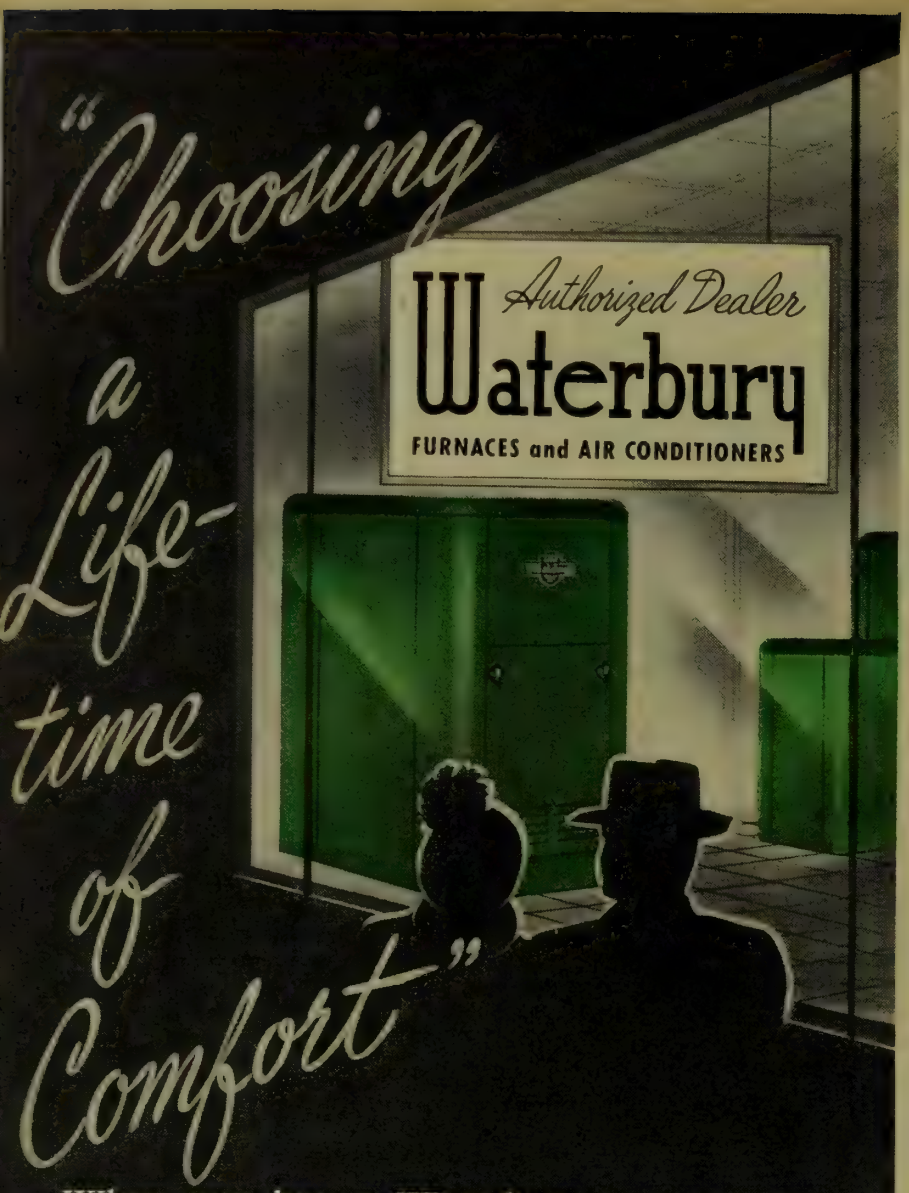
Exclusive Serta tuftless construction features make it more comfortable, more restful. Non-stretch, non-shift, non-sag—no buttons, bumps or hollows to disturb your rest. Built by recognized leaders in tuftless mattresses — endorsed by hundreds of thousands of satisfied users from coast to coast.

"Sertaseptic" coverings resist certain disease germs and molds — retain freshness longer.

UNCONDITIONALLY GUARANTEED

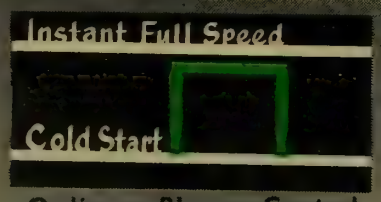
Every "Perfect Sleeper" Mattress and Box Spring is Unconditionally Guaranteed against any defects caused by faulty materials, workmanship or construction.

SERTA ASSOCIATES, INC. 666 LAKE SHORE DRIVE, CHICAGO, ILLINOIS

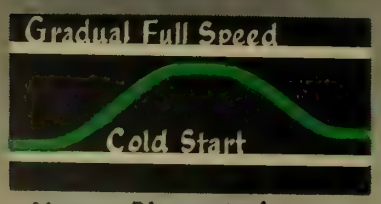


When you buy a Waterbury you are not just buying a furnace—you are equipping your home with trouble-free comfort. If you want true fuel economy — freedom from service calls—dependable comfort all winter long—then you want a Waterbury!

There is a Waterbury for Every Size Home and Every Type Fuel



Ordinary Blower Control



Master Blowertrol

Say "Goodbye" to Cold Drafts— Hot Blasts—"Cold 70"

The Master Blowertrol—now standard equipment on Waterbury Air Conditioners—will give you freedom from the discomfort of drafts and stratification. Ask your Waterbury Dealer about Blowertrol.

Over 40 Years in Warm Air Heating

THE WATERMAN-WATERBURY CO.

1127 Jackson St. N. E., Minneapolis 13, Minn.

Please send me "Seven Steps to Indoor Comfort" and the complete folder of Waterbury Units, also the name of my nearest Waterbury Dealer.

Name _____

Street or RFD _____

City _____ *Zone* ___ *State* _____

"It's What's Under the Casing that Counts"

"Prewar" fire insurance won't protect you!

It's good as far as it goes, but unless you've increased it to keep pace with the rising value of your property, you may find yourself holding a part of the bag

By Ray Giles

Most homeowners haven't the fire-insurance protection they really want and can't afford not to have. Your own insurance adviser can tell you—if you'll listen—about homes all around you which are grossly underinsured against damage or total destruction. Even less are these residences properly insured against other hazards which every day grow more common.

"The almost universal practice," says James R. Gregory of the insurance magazine, *Rough Notes*, "is to carry just enough fire insurance to equal the mortgage on the property—no more! Or the homeowner takes, say, $5,000 insurance on a $15,000 home and counts on his local fire department to save him from a total loss."

Meanwhile, replacement costs of both homes and their contents have more than doubled in eight short years. The annual fire loss has soared to an all-time high of $700,000,000. In a typical year, fire strikes 1 home in every 100. And other risks have arisen, many of which were either negligible or nonexistent a few years ago. Unless you're protected against them, you're really carrying only horse-and-buggy insurance!

Consider the loss you might suffer if an airplane crashed through your roof. If no fire occurred, your pure fire policy couldn't pay for damage like that. Nor can it pay if a runaway automobile shears off your porch or crashes through a wall. If your furnace gets out of order and smudges up your home, damaging walls, furnishings, and furniture, you're out of luck unless you have extended coverage added to your fire insurance.

In many communities new industries have sharply increased still other hazards during the last 10 years. When an explosion wrecks a home without an accompanying fire loss, up-to-the-minute insurance is a lifesaver. When Texas city rocked on its heels from the blast of 1947, 3,978 claims for nearly $4,000,000 were paid to restore buckled-in walls and roofs caused by concussion.

That year of 1947, incidentally, was a tough one for underinsured homeowners throughout the nation.

In Maine, forest fires demolished hundreds of seriously underinsured homes. When I visited there last summer, I saw tiny houses rising on lots once occupied by larger, more handsome residences.

In Florida and the Gulf States, the hurricanes of 1947 flattened many homes either inadequately or totally unprotected against the loss. Devastating winds in 35 states caused 48,000 losses totaling $30,000,000, but only 55 percent of this amount could be recovered because of horse-and-buggy insurance. [*Turn to page 148*

HERE COMES fun!

here comes beauty

here comes value

here come the new

Motorola

portables

MORE FUN WHEREVER YOU GO—with a new Motorola Portable! Precise engineering gives you "plus values" like maximum sensitivity—selectivity that knifes through local stations to bring in distant ones—big power for full volume and rich tone where some sets fail to play at all. See—hear—*compare* the new Motorola Portables.

Model 59L12 (left, below)—AC DC or battery operated. Maroon or black with bronze-gold metal grille and trim. . **$29.95** *less batteries*

Model 49L11—As above, except battery operated only. Colors: Tan or green with bronze-gold metal grille and trim. . . . . *less batteries* **$19.95**



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Glamour-Baby of Personal Portables

Motorola's famous "Playmate Jr." Packed with power for BIG volume—rich tone. Plays instantly, anywhere. Leather-effect metal case. Choice of black or maroon with bronze-gold trim. AC/DC or its own long life batteries. **Model 5A9** *less batteries* **$39.95**



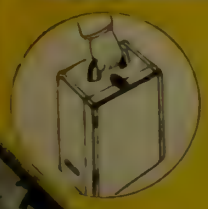
No Finer Portable in all the World

A "luxury" radio at a sensible price. Exclusive "dial-in-handle" puts all controls in thumb's reach while carrying. Case is basket-weave, plastic-coated fabric with aluminum trim. AC/DC or battery operation. **Model 69L11** *less batteries* **$49.95**



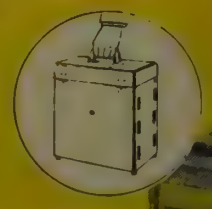
Prices slightly higher in South and West. Prices subject to change without notice.





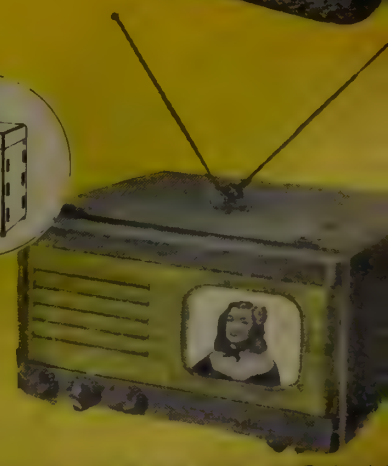
New 45 R. P. M. Automatic Radio-Phonograph

Your favorite recorded music wherever AC current is available. Plays new 7-inch records (45 R.P.M.—5 minutes of music per side). Changes 8 records swiftly and quietly. Storage for 27 records. **Model 59F11** **$69.95**



New! Motorola Portable Television

Take your television thrills from place to place—wherever AC current is available. Clear, bright pictures—plus Motorola Golden Voice sound. Install it yourself in a few minutes. Indoor antenna fits in cover when carrying. **Model VT73** . . **$199.95**



SEE YOUR NEAREST MOTOROLA DEALER TODA



Prewar insurance won't protect you!

Begins on page 146

What does straight fire insurance cover?

Fire, of course, and any water, smoke, or other damage incidental to extinguishing the blaze. The only non-fire loss it includes in most states is damage by lightning. In some states outbuildings—garages, greenhouses, playhouses—and even fences must be listed and their values specified if you want to be sure of recovering their loss.

Take fences. A neighbor of mine, burning leaves, was called indoors to answer the phone. When he returned, a gust of wind had thrown fire against his handsome picket fence. The fire burned down $200 worth of it. But he couldn't recover because his insurance covered only his house.

Even more unfortunate was the fire that turned Harry W.'s two-story garage into a flat, black smudge. With a two-room apartment and bath on the second floor, the garage was worth about one-fifth as much as the main house. But Harry's fire policy specified that the value of outbuildings could not exceed 10 percent of the policy, so he got only about half enough to rebuild them.

So, at the risk of boring you, let me repeat what has so often been said: *Read your policy!* Try reading it aloud to your wife or to yourself and you'll find that you really *can* understand nearly all of it. Whenever you get tangled in legalisms, mark an X beside that section, and make your insurance man tell you just what it means.

In some areas, notably in and around Chicago and New York City, a co-insurance clause exists. This is too complicated a provision to explain here, but if you find it, make your insurance agent explain just what recovery you could expect if your fire loss were $500, $200, or total.

What is "extended coverage"?

Because mere fire insurance doesn't begin to handle all the dangers you face in a complicated modern world, the fire-insurance companies, about 10 years ago, created what is called extended coverage. When this rider is pasted to your fire policy, you're protected against loss resulting from damage by hail, windstorm, cyclone, tornado, rioting, strikes, smoke and smudge, civil commotion, vehicle damage, and falling aircraft and parts thereof. This extra coverage costs less than your regular fire premium.

If some of these dangers sound too remote for words, remember the big blows in New England. So indifferent were New Englanders to the likelihood of property damage from violent wind that the hurricane of 1938 found less than 5 percent of the half-billion dollar loss recoverable under insurance. The recovery was much greater when, again in 1944, a second

LITTLE BURNS OFTEN LEAVE UGLY SCARS



Don't Neglect Them!

Don't rely on butter or lard—they can't fight infection. *Use a real burn remedy—Unguentine!* It is antiseptic and germicidal as well as soothing. A *complete* remedy for minor burns, it works three ways:

1. Relieves pain
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Get Unguentine, in tubes or jars, at all drug stores.

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SAVINGS REALLY PILE UP

IT'S NEWS SEND FOR COPY



Simplified New Method of Cutting Cost on all your door latches

Learn how your home can have solid brass door locks at no cost over inferior grades. New fool-proof way allows carpenters to do a perfect job in a tenth of the time.

Send for new booklet that tells all about this low-cost method. Nothing technical. Booklet shows entire installation in pictures. First time this money-saving information has ever been published. Only booklet of its kind. Write for yours now.

SEND TODAY. Also contains full explanation of differences in locks; how to judge them; why solid brass is best; why to avoid die castings; how to overcome loose door knobs and a wealth of useful information. Send today for copy of this valuable manual today.

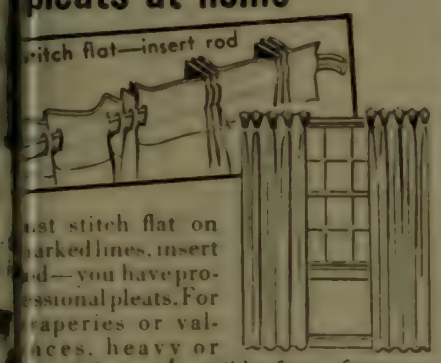
NATIONAL BRASS COMPANY
Dexter Tubular Division
GRAND RAPIDS 2, MICHIGAN



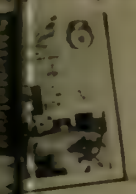
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Just stitch flat on marked lines, insert rod—you have professional pleats. For draperies or valances, heavy or light fabrics. Invisible from front, stays stiff through washing or cleaning, irons flat. 2", 2½", 3" widths 15c, 20c, 25c a yd. (slightly higher West of Denver). In drapery depts., specialty stores, or order direct.



1001 Decorating Ideas—
Yours for 25c, beautiful, 56-page book, with color illustrations. How to decorate successfully, make slip covers, etc. Get your copy in drapery depts., or by mail. Write Dept. B-5.

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Vat dyed • Sanforized • Mercerized
36" wide • 21 colors

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...the easier way to Attractive Hands
Bluettes



→ Elastic-Knit Lined All-Purpose Gloves—pure joy to hands busy with handling home and garden tasks—double-duty Bluettes liquid-tight DuPont neoprene. Soft moisture-wicking two-way-stretch knit lining. Phone or doorbell ready—off in a jiffy! Comfort in hottest water. Non-slip fingers grip soapy dishes as if dry! Men like them, too. Bluettes at drug, grocery, hardware, paint, dept. stores. The Pioneer Rubber Company, 202 Tiffin Road, Willard, Ohio

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ALWAYS BUY Aristo-mats
protect your stove top from heat, scratches, nicks, chips and stains
Demand ARISTO-MATS, the finest! For sale at all Department and Hardware stores.



Guaranteed by Good Housekeeping

PHOENIX TABLE MAT CO. CHICAGO 7

storm resulted in widespread destruction.

What else can you insure against?

After adding extended coverage to your fire-insurance policy, there are still other risks to consider. You may prefer to place some of them on the broad back of an insurance company instead of shouldering them yourself.

Have you a beautiful lawn and handsome trees and shrubbery? Your residential fire insurance doesn't cover them. But a separate policy will reimburse you if they're burned.

Since rain and melting snow entering through defective roofs and windows can wreck plaster, wallpaper, and furnishings, you may want *water damage insurance*. It pays for the losses mentioned and any others caused by leaking plumbing, refrigerators, heating plants, or other equipment which can unexpectedly drip.

The *rental value clause* is another recent innovation which can be mighty comforting if your home becomes uninhabitable. It's paying rent for every day for families while their homes are being rebuilt. But wait a minute! How many homes are for rent in your community? None, perhaps?

For this reason, additional *living expense insurance* is being taken by more and more homeowners—especially those with large families. With it, if disaster makes your residence uninhabitable, your hotel and restaurant bills will be paid in full until you can go home again.

Want to discover that you're much richer than you thought you were? Here are two experiments you might make.

1. Imagine that fire has destroyed everything in your living room. Stepping into another room write down, from memory, the cost and replacement price of everything burned. Then compare your estimate with reality. Unless you've an encyclopedic memory, you may discover that you're underinsured by hundreds of dollars in that one room alone!

2. From memory, estimate replacement values of all clothing owned by the family. Then go from closet to drawer to the clothing on your back and add it up. Here again you'll be in for a rude awakening when you compare what you are able to remember with what you actually have.

To keep rates low, insurance companies must discourage fraudulent claims. That's why your household-contents fire-insurance policy requires you, in case of loss, to furnish a complete inventory of the destroyed and damaged articles and show in detail their actual cash value. If fire struck, could you? With an inventory book, yes!

In this record list every item to be insured together with its cost and present value. When you replace any expensive worn-out article like a rug or a winter coat with a new one, record that, too. If you acquire valuable new posses-

[*Turn to page 151*

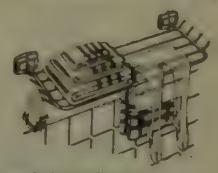
HERE'S HOW TO RE-DO YOUR

bathroom in Sparkling Beauty



—AND ECONOMICALLY





Towel Shelf and Drying Rack, about $1.50

5 towel bars—8 feet of drying space—8 utility hooks—all in one handy fixture! Holds loads of things in bathroom, kitchen, closet, nursery!



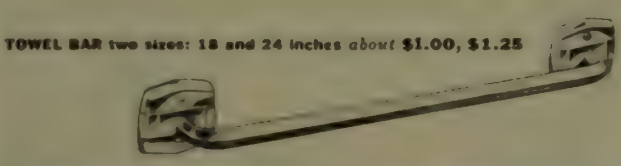
Twin Towel Bar, about $1.25

Your "show towels" will show up beautifully on this smart two-in-one towel bar. Serves a host of other needs all around the house.



Twin Corner Towel Bar, about $1.25

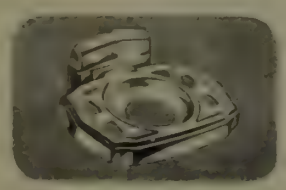
Cleverly designed to make smart use of those idle corners! Holds your towels in decorative array. Also ideal for overnight laundering.



TOWEL BAR two sizes: 18 and 24 inches *about* $1.00, $1.25



WALL SOAP DISH *about* $1.00



TUMBLER AND TOOTHBRUSH HOLDER *about* $1.00



TOILET TISSUE HOLDER *about* $1.00

YOU'LL love these newest of bathroom accessories for their sleek beauty—elegant fluted bars—brilliant chrome finish! So easy to keep sparkling clean! The unique, many-purpose fixtures offer more convenience than you ever imagined. And they're spectacular values! Choose your own assortment and just see how "*Fairfield*" accessories transform your bathrooms, kitchen, closets. For that smart, new, up-to-the-minute look—for that luxurious, enduring chrome, be sure to ask for "*Fairfield*" by Autoyre.

Wherever bathroom accessories are sold.

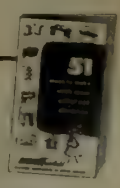
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Every "Fairfield" Accessory Carries the Autoyre Guarantee

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Send us a postcard today for *"51 Ways to Make Small Space Useful and Attractive."* Filled with sparkling ideas to help brighten your home—lighten your housekeeping!



Want to know how simple electric cooking can be?

Ask your Frigidaire Dealer to show you how the finest electric range in Frigidaire history makes cooking your way easier than ever!





See how easy it is to cook automatically in this electric range!

You don't have to take lessons from anyone in electric cooking—there's no new magic formula to learn, no tricks to master. It's easy—plain easy! With a Frigidaire Electric Range you just cook *your own way*—but get better results!

One thing that simplifies cooking is the choice you have of 5 *exact* controlled heats in each Radiantube Surface Cooking Unit—an exclusive Frigidaire feature. The thickly insulated, porcelain-finished Even-Heat Oven that assures even heat distribution also takes the hit-or-miss out of cooking. You can always feel sure of results—mouth-watering perfection.

Extra conveniences are many however—the Cook-Master Oven Clock Control that tends to your cooking even when you're away and serves as a kitchen clock as well—the handy Thermizer that cooks a whole meal without mingling flavors, is great for steaming or warming, even sterilizes baby bottles, or serves as an extra surface unit—the outlets for electrical appliances—the simplified styling that makes both cooking and cleaning up easier.

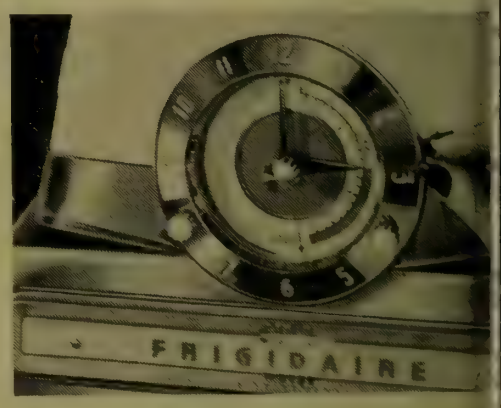
Visit your Frigidaire Dealer today—let him show you how simple electric cooking can be. See the special advantages of this Frigidaire Electric Range—and many other models. Ask for a demonstration, too, of other Frigidaire appliances for better kitchens and laundries, including the Frigidaire Refrigerator, America's No. 1 Refrigerator, and the Frigidaire All-Porcelain Automatic Washer.

Find dealer's name in Classified Phone Directory. Or write, Frigidaire Division of General Motors, Dayton 1, O. In Canada, Leaside 12, Ont.

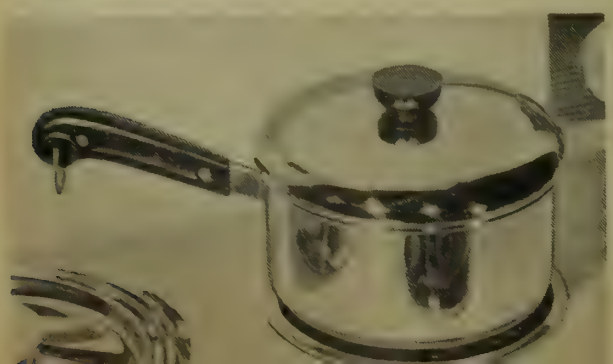
Listen to Frigidaire's New Lum and Abner Show, Sunday Nights, CBS.

FRIGIDAIRE
Electric Ranges

Take time out from your kitchen—this Cook-Master Oven Clock Control operates the oven in the Frigidaire Electric Range *automatically*—turns oven on when you wish, turns it off when cooking's done.



5 heats to choose from in each of Frigidaire's exclusive Radiantube Surface Cooking Units—5 exact controlled heats to assure you of getting uniform results. And they're the heats picked by a survey of women as the most practical ones.



Baking-hot in 5 1/2 minutes—that's how quickly this big Even-Heat Oven warms up! It has automatic time and temperature signals and smokeless-type waist-high broiler. Porcelain finish and round corners mean easier cleaning—no dirt-catching cracks.



No spill-over problem here—not with this closed streamlined Flowing-Top of acid-resist Lifetime Porcelain. There are no cracks crevices to catch spill-overs—it's easy to cle easy to keep clean.



rewar insurance won't protect you! Continued from page 149

ns lose no time in recording rn.

This protects you against both er- and underinsurance. It will, ase of loss, provide immediate sfaction to the insurance com- ny and assure prompt settle- t.

Remember that cash, valuable ers, and sentimental values n't insurable. So don't insure old painting by Uncle Harry $200 when it wouldn't fetch a dollar on the open market. Valuable antiques, furs, jewelry, and paintings are better insured, in most cases, when covered by a separate policy which describes each and specifies its value. If you have expensive hobby equipment that's used away from home, your best bet may be a personal property floater policy. It covers all kinds of damage and loss in any spot on earth.

Yes; insuring your home and its contents against damage or destruction is a complicated business. And it's highly personal, because values fluctuate from year to year. But good advice is free as the air, so seek it. You may rightly decide that you can't insure in full against *every* risk, but sound planning will protect you against the *likeliest* ones. It may even reduce your premiums or add protection without adding to what you've been paying all along.

---

irth Begins on page 146

against the diaphragm to cause athing difficulties.

here is a general misconception t the forming infant leads a mped life, that it is folded tight- within the uterus. This is not e. At least in its early stage of elopment it floats lazily about he amniotic fluid—which acts a kind of shock absorber. A spective mother may undergo ent injury—she may fall down rs, out a window, or be in- ved in an auto crash—but e is little likelihood of her baby ering, even up to the time that h is imminent. The watery h in which the baby lives takes shocks which might otherwise fatal.

y the middle of the fourth nth, the infant can twist its face a grimace and contract eyes a wink—even though eyelids still fused together. It can swal- , and it discharges urine into fluid in which it floats. At this e, the mother feels the first stir- s of life within her. The baby shes arms and legs but lacks en- v—and oxygen—for sustained vement. It cannot gulp air into ungs to get oxygen it needs for extended exercise—it has to end on the supply available in mother's blood. So, after a t period of wakefulness, it is d and goes back to sleep.

the fifth month, it has hair, rows, and lashes, and weighs rly two pounds. Its heartbeat is detectable by ordinary clini- means such as the stethescope. lier, the faint beat could be rd only with elaborate ampli- rs. In this connection, let's aighten out another common sconception. There is a wide- ad, and erroneous, belief that rts of girl babies beat more dly than those of boys—and the physician can thereby tell sex of the unborn child with tethescope. There is no clinical port whatsoever for this belief.

now, the baby is an alto- her remarkable individual. The inal single cell has grown to a nt where the new life now has its full lifetime complement of nerve cells—a staggering total of 12 billion of them!

By the seventh month, the baby is complete enough to stand a good chance of survival if born prematurely. An old wives' tale states that a seven-months baby has a better chance of survival than an eight-months baby. This isn't true. The longer a baby stays within its mother, the better its chances for life. In a sense, the eighth and ninth months are nature's safety factors. The child has a chance if born before, but it has a far better chance if given these two months in the womb to grow sturdier and stronger.

During this period, the placenta has assumed other tasks besides those of nourishing the baby and disposing of wastes. It has also become a gland of internal secretion. It would be impossible for the ovaries to secrete enough progesterone to keep the enormously enlarged uterus quiet, to keep it from contracting and expelling the fetus. Hence, the placenta starts manufacturing progesterone. The placenta also starts making estrogen, another ovarian hormone, which is needed to stimulate tissue-building in the uterus. Evidence now arrives that there is a third female sex hormone—one called relaxin. Its job is what its name implies: to relax tendons and tissues in the pelvic area to facilitate birth.

In its final stages of development, the baby takes the first steps toward acquiring a personality. He swallows and even makes breathing motions with his chest. He may even be subject to hiccups, or take up thumb-sucking. One physician reported an infant born with a sore and reddish thumb. While the doctor was examining it, the infant pulled it away, popped it into his mouth.

The forming baby reacts to external environment. If its mother smokes a cigarette, it derives enough nicotine from her blood to speed up its heart. This, however, seems to do little or no harm. Some sounds apparently cause irritation—or at least excitement—to the baby. Research men have found that certain sounds from tuning forks cause rapid movement of the baby's arms and legs.

While living its nesting existence, the baby is the world's supreme egotist. It is an utterly selfish sprout of life, interested only in its own well-being. Without regard for his mother's welfare, he draws on her for essential proteins with which to build tissue. He burdens her kidneys with his own wastes; pushes her organs aside to make room for himself. To build a blood supply of his own, he draws heavily on her reserve of iron—possibly producing anemia in her while remaining robustly healthy himself.

He robs her teeth of calcium to build bones for himself, and takes glycogen—a starchy stuff that provides energy—from her liver. He helps himself to whatever he wants. Yet, as always, there is a pattern and a wisdom here. Only by such selfishness can the baby insure his own survival. The mother can seek help from a hundred or a thousand people. The baby is completely dependent on one. Thus, the baby prepares himself for the supreme moment of his life: his birth.

Once again, the mother's body has undergone elaborate preparations for the event. Nothing has been forgotten in the whole, vastly complex procedure. The placenta has generated enough surplus hormones to prepare the breasts for their waiting job. The breasts contain a treelike structure of milk ducts, the nipples representing the trunks. Under pressure of increased hormone production, these tree structures become enormously enlarged—shooting out thousands of new branches and twigs.

Everything is in readiness to provide food for the new life. Actual milk production, however, won't start until the pituitary gland at the base of the mother's brain gives the word. A few hours after birth, it gives this word. It starts producing minute amounts of the hormone, prolactin. This, in turn, starts the breasts functioning.

Other dramatic things have hap-

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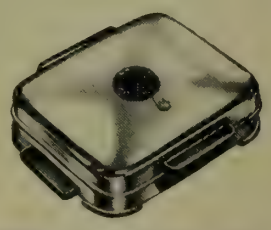
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pened within the mother's body. The normally hard cervix, or mouth of the womb, through which the baby must pass, has changed in consistency. Medical students are taught that it is normally of the approximate hardness of the tip of the nose, but that during pregnancy it becomes softened like the lips. The birth canal itself has been provided with a new supply of blood vessels, and with a special lubricant to facilitate passage of the infant. Nothing has been forgotten. The moment of birth is at hand.

How does the body decide that the child is ready to be born? Physicians would dearly love to have a sure answer for this question. If they knew what triggered labor, they might find a means of stopping labor when it started too early. As things stand, there are only guesses—some of them feeble—as to how the body decides the moment has come.

One theory is that the vastly enlarged uterus has been stretched beyond its endurance. The uterus expresses itself by contracting in an effort to expel the irritant—the baby. Another theory is that the body chooses this moment to produce a mysterious chemical which inaugurates labor, but no such chemical has ever been found.

A third theory has some support in experimental evidence. Just before the birth process begins there is a dramatically sharp decline in the amounts of sex hormones circulating in the blood. It appears possible that the placenta has become senile and is no longer able to produce the hormones which have made the uterus lie quiet for nine months. In any case, this rapid decline of hormones in the blood stream is a signal that labor is about to begin. The uterus, which is made up almost entirely of muscular tissue, starts rhythmic contractions.

The head of the baby—over 95 percent of all babies are head downward at the time of birth—pushes with increasing force against the cervix. This opening, no larger than a pencil lead in nonpregnant women, must expand to four or five inches. To achieve this, relatively enormous forces are required. It has been shown, for example, that a pull of as much as 100 pounds is required for a forceps delivery.

Once again, the uterus has prepared itself for the job awaiting it. As pregnancy advanced, it grew thicker and stronger at its upper levels, adding new strands of muscle tissue. At lower levels, it grew thinner. Thus, when the moment arrived, it would be able to apply the greatest forces where they were most needed. The first pains—the first contractions of birth—usually rupture the amniotic sac.

Up to this point, nature alone has been in command of the situation—and is quite competent to finish the job. But the modern physician has demonstrated ability to complete the task less danger and less pain. He taken care to measure the p to be sure that there is enc room in this bony cradle for age of the infant's head. If the any doubt, he may take stereos ic—three dimensional—X-ray tures. Then he can *see* the siz the head in relation to the siz the pelvic ring.

The question of anesthesia lo large in every delivery. The p cian wants to spare the moth much pain as possible. At the s time, he does not want to drug so heavily that her muscular operation will be lost, or so the infant will be drugged he enough to endanger its life. W ing a professional tightrope, obstetrician has worked out a tricate schedule of anesthesi sample schedule would inclu barbiturate to allay pain, plus polamine to erase memory. T drugs are administered by h dermic before the mother e the delivery room.

Once on the table, with s contractions coming with inc ing regularity, the mother is g nitrous oxide (laughing gas) a with oxygen. She gets enoug this mixture to allay as much as possible without interfering contractions. In the final stag birth—when assistance of muscles is no longer needed—is given ether.

Thus, a new life comes into world—to greet the world wi cry of rage with its first lungf air. It is not a wonder that t are so many people on this e It is a wonder that there are a all. For the process which cre each man or woman is a mi almost beyond comprehensio

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154

Cool furniture

Simple, light lines make these tables and chairs welcome inside or outside on warm summer days. They'll help you make the most of terrace or porch, and their colors seem to cool your living room, too.

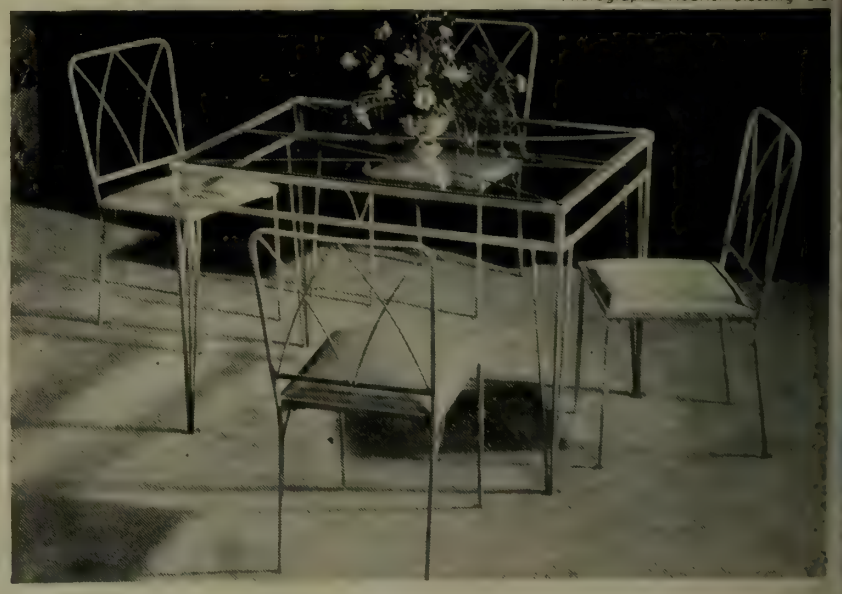


Folding card table in grayish-tan birch folds for storage (right); chairs have curved slats. Like all the pieces on this page, furniture is suitable for indoor-outdoor use



As cool as it looks, this summer combination has platinum finish, gray-green plastic webbing on chairs, a coffee table with metal-mesh top in same frosty green. Plant box is part of table, has watertight lining

Photographs: Hedrich-Blessing Ltd.



Wrought-iron furniture comes in smart two-color combinations. White frames have seats in green leatherette; aqua-mist frames have red pads Pompeian frames have yellow pads; dusty-pink frames have turquoise

Where to get it, page 127

ere's the new Love Seat you've always wanted
—and it's a HIDE-A-BED!



ld you believe that there's a real Simmons bed hidden inside this tiful love seat?

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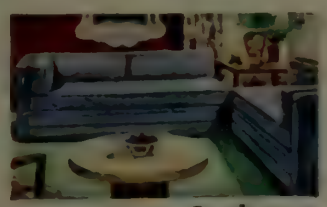


You'll be amazed that this beautiful love seat sleeps two people! Love seat model above, $239.00. Others as low as $179.50. Full sofa-size Hide-A-Bed, $198.00 up. (Slightly higher west of Rockies.) Budget terms. *Good news!* You can have the famous Beautyrest mattress in any Hide-A-Bed!

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T M REG U S PAT OFF

The May Five Star hom

spot for children on rainy days.

Putnam met those requirements by designing a home that has room for activities of all members of the family—yet permits them to be alone when they want to. The core area makes that possible. It gives easy access to all rooms, but is not a useless hallway. It is a play area perfect for both mother and the children: They are satisfied because she is within sight and talking distance, no matter where in the house she happens to be. She can work because the children aren't underfoot, but she's still close enough to, "see what I made, Mother."

When you need a larger dining space th: ı the alcove provides, you can expand into the core area. Yet the living room remains a haven of adult peace and ord By closing a gate between core a living room, you can keep ad possessions safe from inquisit young fingers.

The entrance door is on the s of the house away from the stre opening off the terrace. In t way the picture window and fi place are out of the line of traf allowing attractive furniture rangements. If you face the ho west or north, the two wings of house will protect the front d from winter blasts.

The kitchen shares the sa view with the picture windo From either kitchen or living ro you can keep an eye on children without leaving y work, and can also see who's at

[*Turn to page*



Putting the fireplace on the street side gives living room a comfortable a private corner, freed of traffic by core. Brickwork is painted off-white. Cho late wall (right) contrasts with yellow of bookshelves and storage cabin



Gate can keep children out of living room, but th have the run of the rest of house. Core area (beyo gate) is ideal for playing; it's cool in summer, wa in winter, near family activities, bedrooms, and ba

Begins on page 18



Core of the house doubles as a sewing center. Cabinet beneath partition holds machine and other sewing equipment. Radio and sunlight keep this a bright place to work. Half partitions close the area off from other rooms, yet leave a feeling of openness, enhanced by the view of terrace



Here are three excellent features of the kitchen: a combination sliding towel rack and tray holder next to the sink, an oak cutting-board top (other counters are linoleum covered), and a place for old papers and used cans under oak board, with receptacle mounted on the hinged door



LASTS ALL SUMMER...IN

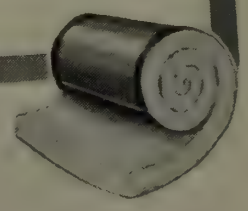
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UPSON PRODUCTS

May Five Star home

Continued from page 157

front door. Through the back door you have access to the garden and the shaded carport-porch. The terrace is convenient to both front and back doors.

Half-partitions make the small house seem spacious. Between living room and core area is a partition, solid to a height of about 4½ feet, but open from there to the ceiling. Between core and kitchen is a wood grillwork, the openings filled with translucent glass. It provides a place for bric-a-brac, helps light the kitchen worktable, and shields the dining area from the clutter of meal preparation. That's the beauty of the plan: The house is open for ventilation and conversation, but each room is visually hidden from other rooms.

The exterior of the house is simple in line—low roofed, based on ranch design but still economically compact. Brick is used rather than siding because the narrow dimension of the house is toward the street, and brick is in better proportion to the shape of the street wall. Though the house has a full basement, the first floor is a poured concrete slab topped with asphalt tile.

Storage space is well placed. The owners' bedroom has a 10-foot-long wardrobe along one wall. The other bedroom has a large bedding and storage closet over the basement stairs in addition to the usual closet. In the kitchen there is a big closet for all cleaning equipment, large utensils, canned goods, and baskets. There's also an oversized drawer for large sacks of flour and sugar.

Better Homes & Gardens Five Star Home No. 1905 is a stepsaver and a timesaver. Durable materials have been used both inside and out. And if you have children you'll find that the core arrangement will let you drop the word "don't" from your vocabulary.

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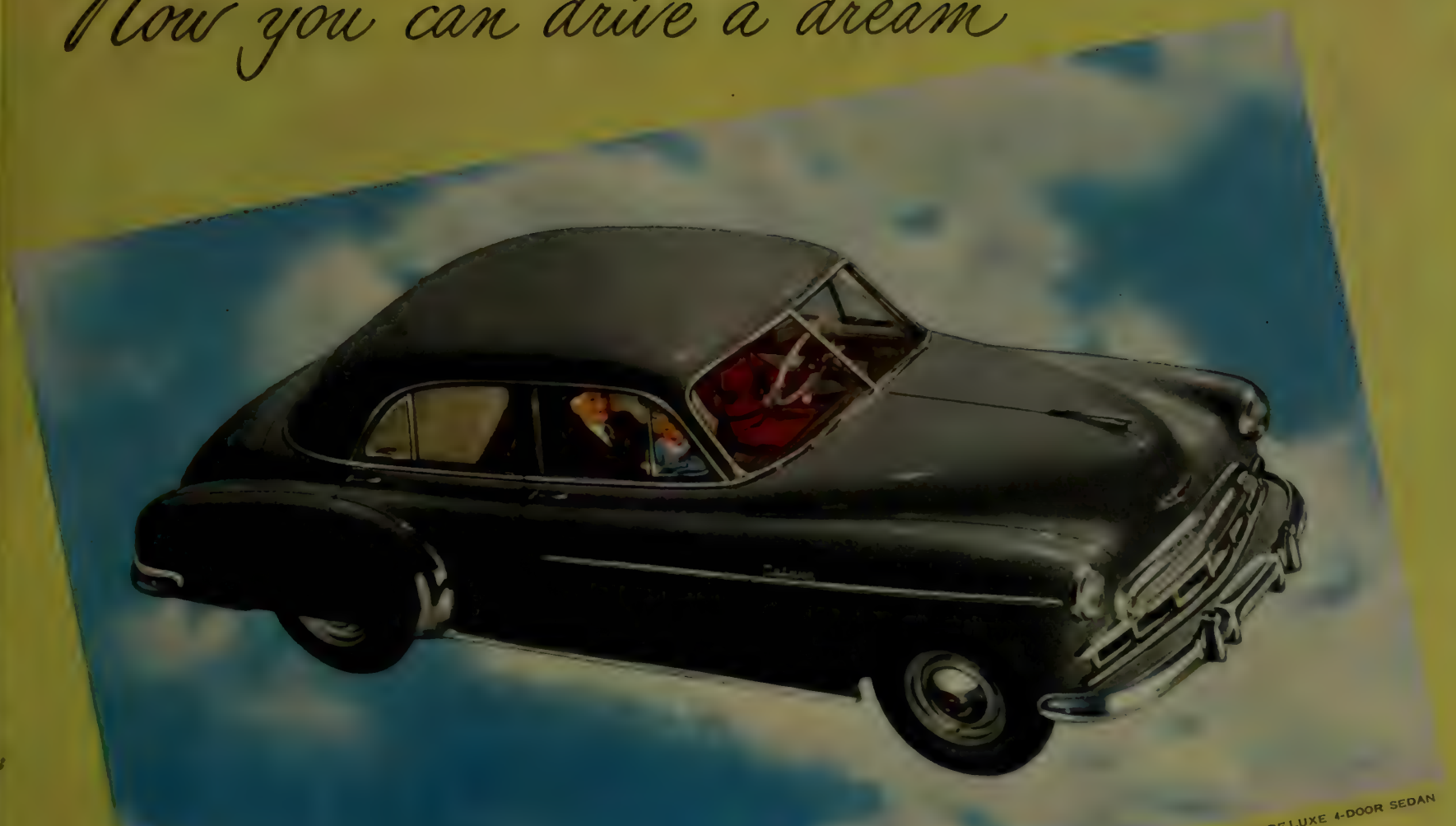
List completed on page 177

More pictures on page 161



Double basins are set in a 6-foot counter in bath, which opens off core. Medicine cabinets flank 30 by 40 mirror. Below are linen cabinets, clothes hamper, recessed stool for children to stand on while washing

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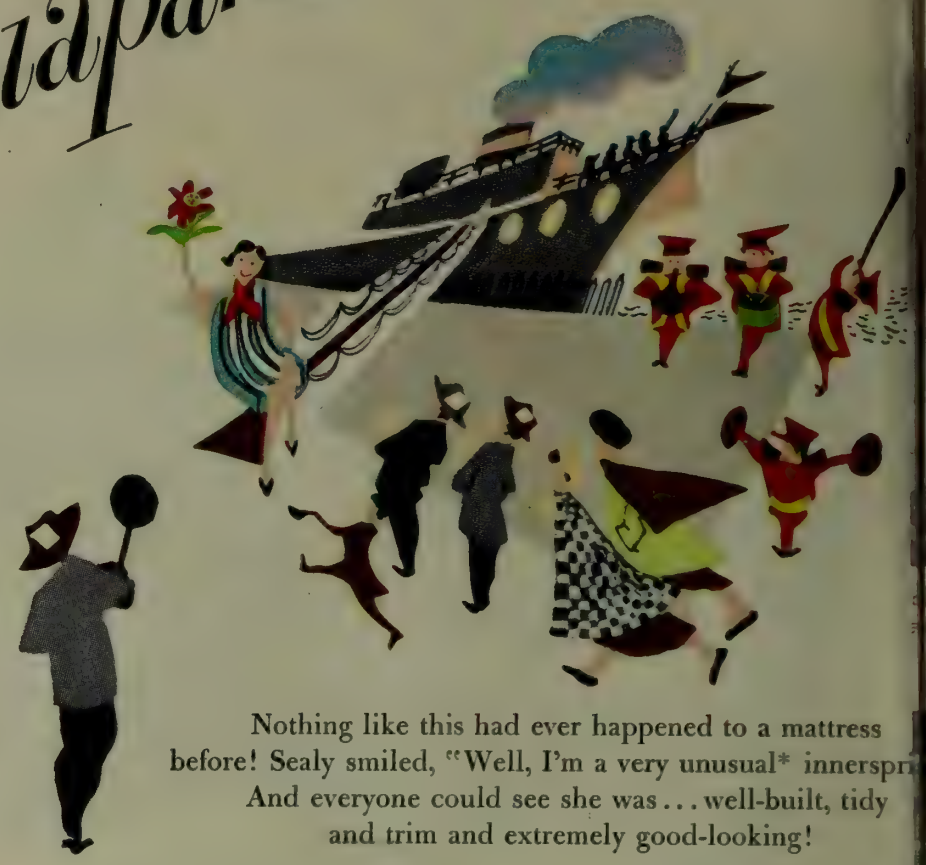
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NEW MIRACLE MESH: prevents bumps and lu prevents "feeling" the springs.

QUILTED FELT PADS: keeps body impression t absolute minimum. Gives "smooth" firmly supported sleep.

FLANGE CONSTRUCTION: adds strength and li keeps mattress tidy and trim; keeps borders springy and smooth.

May Five Star home

Continued from page 158



Cabinets above kitchen counters have no hardware. The bottom shelves are notched deeply enough for finger grips on the bottoms of the doors



Between cutting board and waste cabinet is piece of unfinished 1x4 where you clamp on a food grinder, avoiding tooth marks on the counter



Ironing board fits in core wall. Brace forms bottom part of cabinet. End of board is attached to dowel which slides in track gouged out of walls. Space between board and door permits ironing with the door closed

More pictures on page 170



Enjoy constant comfort, night and day, with

IRON FIREMAN AUTOMATIC HEATING

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All night long Iron Fireman keeps the temperature of your rooms at the healthful level best for restful sleep. Then—before you wake up—it goes to work, quietly, efficiently, raising the temperature to comfortable daytime warmth.

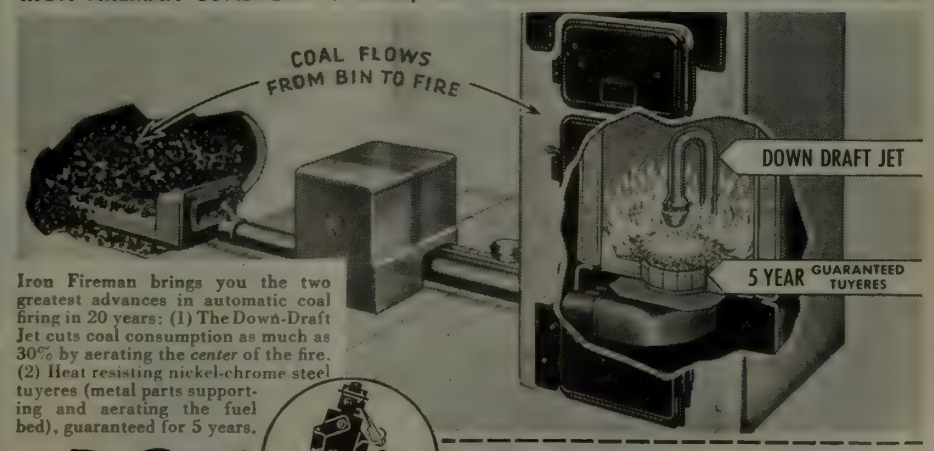
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Mail coupon for illustrated folder showing many types and sizes of Iron Fireman heating equipment for gas, oil or coal. Iron Fireman Manufacturing Co., Cleveland, Ohio. Other plants in Portland, Ore.; Toronto, Ontario. Authorized dealers throughout U. S. and Canada.

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Our house cost us

Two years and three months



Here's the house we built—with room enough for all the family. The two older girls share one room, the baby has her own room, and there are two other bedrooms for John and me and my mother. There's space enough, also, for an indoor playroom for the children

By Pauline A. Brechbiel

In the spring of 1946 we had nearly decided to buy my mother's home, where we were living, and remodel it. Contractors changed our minds: It would have cost $5,000 at least, and we'd still have had an old house.

My husband, John, always had wanted to build his own house, and when he got out his pencil and drawing paper I knew he meant business.

We gasped when we realized the size of the house we would need for our family—six of us, including my mother and our third baby, who was expected in two months. We were further appalled at the size of our undertaking when we looked at our lot in Sparkhill, New York, after the bulldozer had done its work. All we could see was a big hole —and nothing to fill it up.

Although John is a perfectionist, and tore down everything that wasn't exactly right, the first floor's cement blocks gradually went up.

My baby was born about that time, and I soon was able to help. I stalled the electric saw and scorched the wood the first time I tried to cut a board, but it didn't take me long to learn.

The exterior of the second floor is of [*Turn to page 165*

Photographs: Harriet Arnold

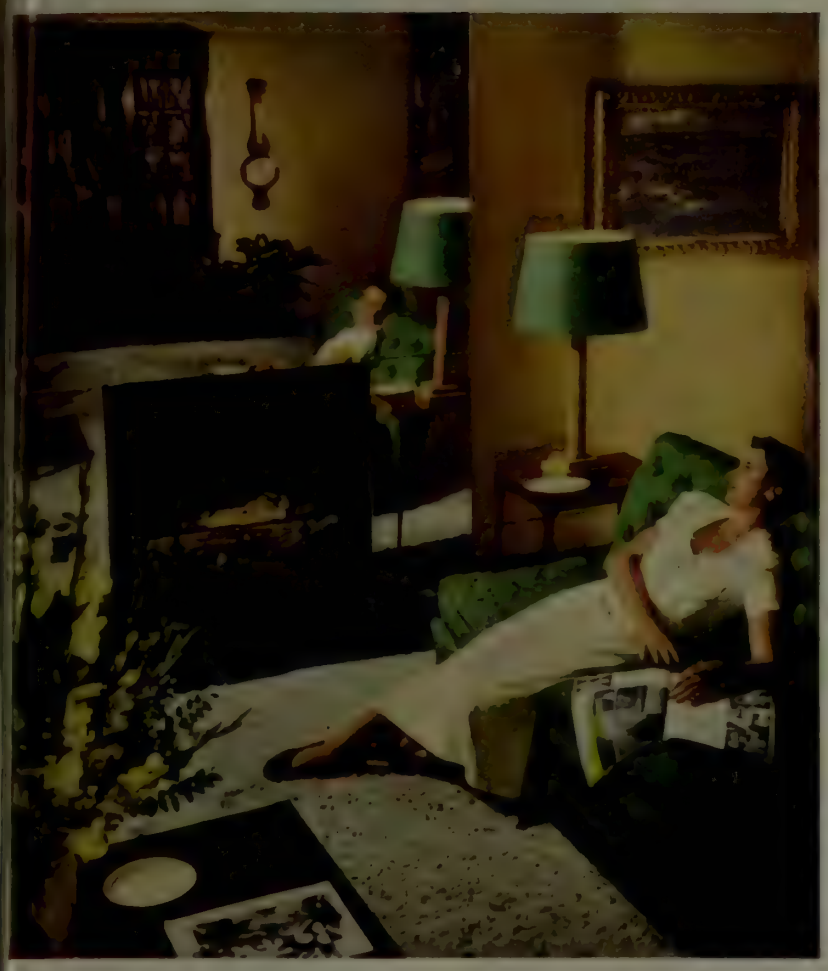


John (center) is reworking the panel heating system, with the help of Ken Berry and James Thurber. Nailing the system's copper tubing in place was quite a job. Mr. Thurber, right, helped while the house was being built, and has the distinction of being the only man nearly run over by a bathtub. That happened last winter, while he was helping John install the plumbing



Having the panel heating system installed in the floor means that I don't have to worry about the children getting chilled while playing. John needed his sense of humor while putting it in, though. This is the living room

See what a difference *mirrors* make!



YOU CAN'T KEEP your eyes off a handsome mirrored fireplace like this. Those simple mirror panels transform an ordinary fireplace into something so smart and warmly attractive that admiring comments just pop out of everyone who sees it! Makes the room seem larger, brighter, and more colorful, too. In 2 words . . . decorating magic!

Photographed at The Manor House, New York City



HOW TO TURN a moody lady into a merry one: just sit her down in front of a charming, mirror-backed vanity recess like this . . . and see her smile! The mirrored vanity top, that can't be harmed by spilled cosmetics, adds to the general gayety . . . and so do the mirror panels that flank the niche. Fashionable . . . and fun.

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wo years and three months

Begins on page 162

ard-and-batten construction, and my job was to cut the ards and slide them to John, who was on the scaffolding. ter, I got out on the scaffolding to paint. I didn't like the ight, but John could stand on one foot atop the Empire ate building. So could our daughters: One day I looked to see both Suzanne and Jeanne helping their father ingle the roof.

John was working very hard—going to his job as a ship-ilding supervisor at Bethlehem Steel, Hoboken, New rsey, at 3 p.m., and getting home at 2:30 a.m. Then he uld be up again at 9:30 a.m. to work on the house until .m. We rarely took time off, and felt guilty when we did. By the end of the second summer the house was enclosed, l the outside was painted, leaving [*Turn to next page*



lways wanted a kitchen with plenty of room and nice cab-ets. It took us a long time to build our home, but as it rked out, that gave me time to shop for just the right things



his fireplace in our bedroom is one of the dividends we got by build-ng our own home—ourselves. It makes the bedroom a cozy place to go er household accounts, and practically gives us a second living room



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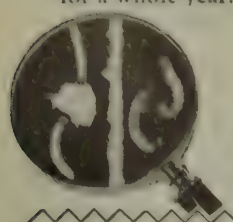
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The Largest Selling Mothproofer



Two years and three months

Continued from preceding page

us the winter to finish the insulation, which got in our eyes, noses, and skin. We itched for days afterwards!

With the lathing (at which I shone) the rooms started to take shape. Last spring we had the rooms plastered. That, the wiring, and construction of two fireplaces was the only work we didn't do ourselves.

Laying the floor was like doing a jigsaw puzzle—even baby Michelle helped by handing her father nails.

John and a friend installed the panel heating, a job that tried John's sense of humor, and left him with a backache.

THE final jobs before we moved in were placing the plumbing fixtures, building the stairs and laying the tile floors. John found the stairs a mathematical nightmare, and finally had to get a friend to help him figure them.

I spent the final summer painting trim and furniture, and we're still working.

To date, the house has cost us $11,000, plus two years and three months of our time. Several contractors have told us the house would have cost at least $20,000 had we not done our own work. And at that rate, we never could have had our own home.



We planned our house so there would be a second story door opening onto the drying yard. John and I worked together on the board-and-batten exterior: I sawed, while he nailed



Our house-building project isn't finished yet. John is working on the surface of the garage roof. When it's surfaced, and the railing is put on, it will be a sun deck. Our bedroom opens directly onto the sun deck

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We shifted our porch

to get more light

By Harold B. Wyant

Like the Hamans (page 7) we added a bay window in our living room. But unlike the Hamans, who removed their front porch, we only moved ours.

The porch was our big problem. It shut out light and obstructed the view from the living room. It reduced the cross ventilation in one bedroom. On top of that, the floor was rotting away.

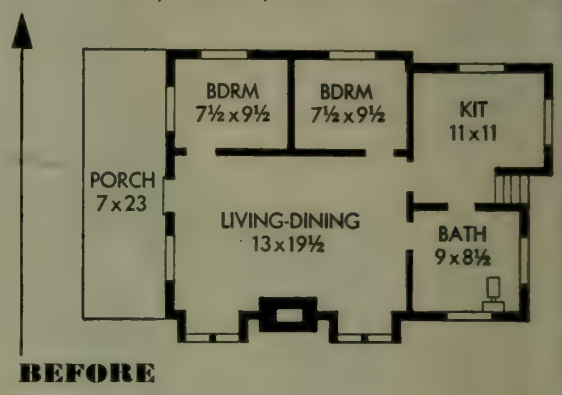
Putting the porch on the south side solved everything. We still have a porch with a view and ventilation from three sides. But we also have double French doors into the living room that make the two areas seem like one. The bay window more than makes up for the light we lost when we knocked out two pairs of windows with useless window seats under them.

While we were at it (we had to dig up the materials before the contractor would take the job) we shifted the bathroom, kitchen, and second bedroom. The bath was in the sunny southeast corner, and the second bedroom in the middle of the north wall. By giving the kitchen a better lighted corner, and putting the bathroom on the north wall, we made both bedrooms larger.

We salvaged as much material as possible from the walls we remodeled. Clapboards for the bay and gable over the porch came from the old porch. The bay was made partly from the old living-room windows, and all posts taken from the old porch were used in the new one.



Before—We had a nice view of a lake from the fr of our house, but the porch hid our view from insi



BEFORE

AFTER

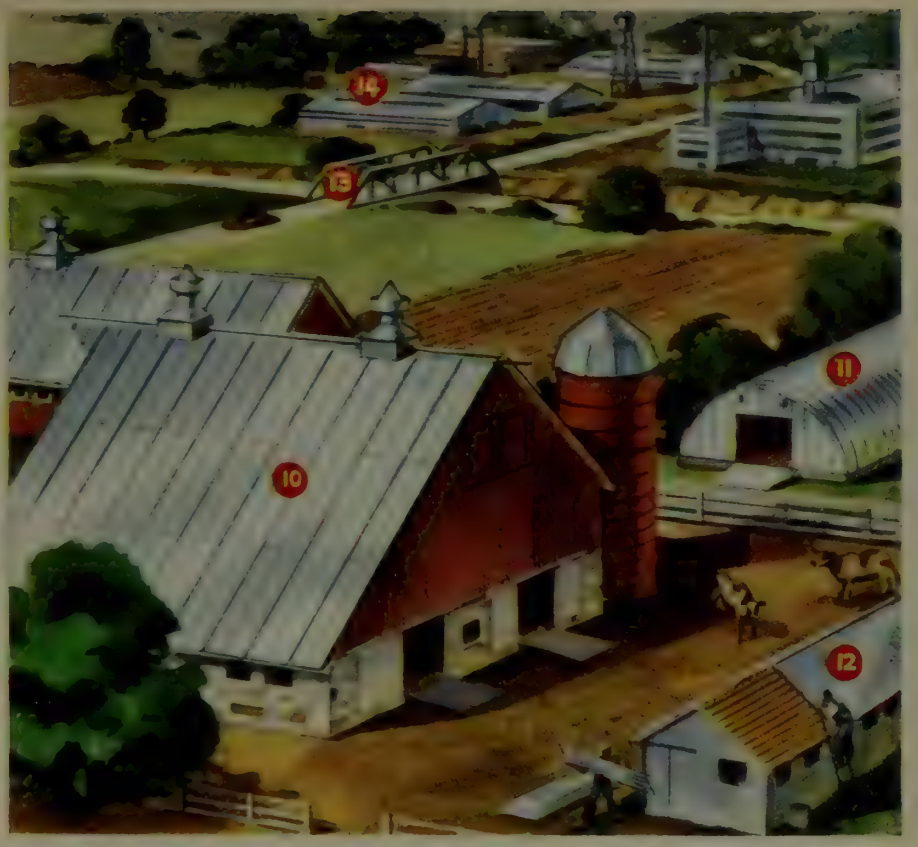


Photographs: Fedor Studio



After—By putting the porch on the side, we now have a full view from both living room and porch. A bay window increases the view along the shore, also breaks a long eave line (the house is half again as wide as it used to be) Having the long dimension run the same direction as th ridge line of roof improved the appearance of the hom







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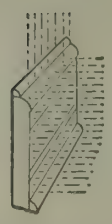
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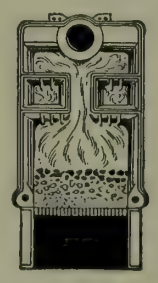
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Name_____

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May Five Star home

Continued from page



Carport is at rear of the house off the kitchen. It's handy for loading unloading on bad winter days, indispensable for play during ra weather, and fine for outdoor suppers on hot summer days. Storage sp under the ridge of the house is reached through trap door in the end



This picture window provides some solar heat in the winter, but in t summer a fixed Venetian-blind screen keeps direct rays of the sun the glass, yet cuts out none of the light you want in the living roo



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New York—The Franklin Society for Home-Building and Savings
Oakland—Breuner's
OklahomaCity—Harbour-Longmire
Omaha—Orchard & Wilhelm
Peoria—Block & Kuhl
Philadelphia—Gimbel Brothers
Phoenix—Dorris-Heyman
Pittsburgh—Joseph Horne Co.
Richmond—Miller & Rhoads
Rochester, New York—McCurdy's
Sacramento—Breuner's
San Diego—V. J. Lloyd, Inc.
San Francisco—Macy's
St. Louis—Stix, Baer & Fuller
St. Paul—The Golden Rule
Silver Spring—The Hecht Co.
South Bend—Robertson Bros.
Spokane—The Bon Marche
Springfield, Massachusetts—Forbes & Wallace
Stockton, California—Breuner's
Tampa—Maas Brothers
Tulsa—Dickason-Goodman
Washington—The Hecht Co.
Wheeling—Stone & Thomas
Worcester—Sawyer's
Youngstown—The Strouss-Hirshberg Co.

Plans and Home Plan Book

Better Homes & Gardens Five Star Home 1905, shown in this issue, is one of the series of one- to four-bedroom homes which make up the Five Star Home Plan Service. These homes, designed by America's foremost architects, range in



THE towel triumph of 1949...

Martex Golden Jubilee

Celebrates fifty years of fine towel making! It's a thick, thirsty towel with extra wear, extra beauty woven right in. And, best of all, it comes in ten other lovely colors and white. Naturally, monogramming is extra, but shown elsewhere on this page you'll find a partial list of the many good stores where you can buy Golden Jubilee—and have it monogrammed as shown.

BATH SIZE about $1.69 GUEST SIZE about 89c FACE SIZE about 35c

MARTEX TOWELS—A PRODUCT OF WEST POINT MANUFACTURING CO. • WELLINGTON SEARS CO. • SELLING AGENTS • 65 WORTH ST., N. Y. 13.



ON YOUR INSULATION QUESTIONS... MAKE A bee line FOR THIS EXPERT ADVICE!

There's an easy way to be SURE that you are getting lifetime comfort, complete protection, and fuel savings. Just see your local lumber dealer. He is an insulation expert. He has watched many different kinds of insulation perform. And his FIRST choice—among them all—is Balsam-Wool. Here's what you'll find when you see him:



Wind and Moisture Can't Rob You

Look at a sample of Balsam-Wool. Notice the tough windproof covering that completely surrounds the insulation mat. Balsam-Wool's integral vapor barrier keeps out condensing moisture—the biggest single foe of insulation. Look at the sturdy spacer flanges with which Balsam-Wool is *firmly* fastened in place. Remember, too, that Balsam-Wool has lifetime permanence and is highly fire retardant.



No Settling or Packing Down!

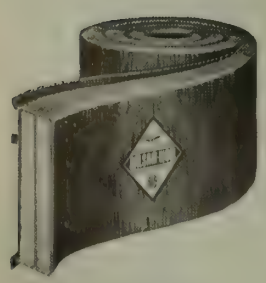
Try to shake the Balsam-Wool mat loose from its covering. You can't—because the mat is firmly bonded to that covering. Balsam-Wool can't settle or pack down—can't get out of place to leave uninsulated areas!



The Evidence Is All Around You!

Best proof of all—ask your lumber dealer to show you homes in which Balsam-Wool has been applied. Get the first-hand story from satisfied home-owners. Remember that Balsam-Wool has been applied in hundreds of thousands of homes!

Convince yourself that Balsam-Wool is the finest insulation you can buy—see your lumber dealer soon or mail the coupon for further information.



*Balsam-Wool**
SEALED INSULATION
*Made by the makers of famous Nu-Wood**

*REG. U. S. PAT. OFF.

Wood Conversion Company
Dept. 112-59, First National Bank Bldg.
St. Paul 1, Minnesota

Please send me the new Balsam-Wool booklet on Insulation.

Name.....

Address.....

City.....*Zone*.....*State*.....

BALSAM-WOOL • *Products of Weyerhaeuser* • NU-WOOD

May Five Star home

Continued from preceding p

style from Cape Cod to Contemporary, Traditional to Ranch-type. These are homes planned to give you maximum comfort, convenience, and beauty—at minimum building cost. *Better Homes & Gardens* Five Star service includes:

- ★ **Designs by skilled architects**
- ★ **Detailed working drawings**
- ★ **Cost-finding materials lists**
- ★ **Complete specifications**
- ★ **Contractor-owner agreements**

Working Drawings are detailed architect's drawings, from which your builder or contractor will build your home. They are complete in every way. Cost is $5 per set. Included with each set of working drawings are: 1) specification form outlining the quality of materials and workmanship you'll want in order to insure sound construction; 2) contractor-owner agreement form—a suggested legal contract to assure your home will be built as specified.

Lists of Materials—priced at cents—are available separately each Five Star home. With this li your architect, building materi dealer, or builder can compute advance the building cost of yc home in your community.

These complete home-planni aids may be purchased at fir listed above or ordered dir from *Better Homes & Gardens*, I Moines 3, Iowa.

When mailing your order, sure to specify the Five Star ho number. Enclose a postal mor order, bank draft, or check, p able to firm to which you write.

Home Plan Book: If you have selected a specific Five Star ho plan as the home you want build, *Better Homes & Gardens* n book, *Five Star Homes*, will help y make a choice. This 76-page bc brings you photographs and fl plans of 66 Five Star homes. Pr —50 cents. You can buy your c at firms listed above or order rect from *Better Homes & Garde*

Young love

Continued from page 1

her up, giving her confidence. I was proud of them both.

Judy's prescribed course of action was a simple, obvious one. Yet because they are so obvious to us, we parents too often neglect to teach fundamentals to our youngsters. Yours may be among the precocious few who need little or no coaching in deportment. But, alas, most are closer to normal. For early romancing especially, most must be coached in even the simplest amenities, else they will suffer the maladjustment that shyness or boorishness brings. Even the experienced kid, the high-schooler or the young adult, will appreciate your tactful how-to guidance. I heard Ned Brown coaching his boy while the three of us were on the golf course one day.

"Son," Ned said, "you don't need $50, or even $20. I'll advance it if you insist, but think of this—it is considered poor taste for a man (Ned didn't say boy) to give a girl jewelry or other expensive gifts at this stage. You may love her very dearly, but you say you are not actually engaged yet. So hold it to flowers and frat pins, candy and cokes. Then she won't think you are showing off."

"I see," the boy nodded, grateful. Ned Brown was wise enough to know that no youngster is born with discretion, but has to acquire it piecemeal. Ned didn't wait until one inevitable moment to tell Tom about women. He gave it to him in comradely bits, over the years. Today Tom is among the finest young male personalities I ever knew—an appraisal shared by most of the adults and apparently all of the young ladies of our town.

In general, we parents who see romance dawning for our offspring are belabored by fear. We fe first of all, sex.

Sex is an abrupt word, at best. sounds startling, fearsome. But actuality sex is a beautiful pro sion of nature, a spiritual melody harmony of the soul. It is we human beings of limited mentalit who have made it sound ugly a seem so. We have besmirched with a snickering nastiness or wholly unreasonable sense shame. We have mistaken sex sexiness.

If we are conscientious at we realize that America is getti a terrific dosage of sexiness now days. Our children can't possib escape the influence of it in rac dramas, movies, plays, nove newspapers, or even in comme taries on the best-selling Kins Report (which was meant to be scientific treatise). As never befo we are a sex-conscious nation.

Much of that is all to the goo We have discarded, at long la the hush-hush attitude of our gran parents; we realize that accura sex information for young people priceless. Yet there is a beauty innocence, and it is this which parents would guard. We are afra that if romance arises, sex urg will somehow destroy the inn cence.

But *education* need not mean sacrifice of innocence. True inn cence is an avoidance of wron *and knowledge of what is wrong is t best way to avoid it.* Sex knowled must be given our boys and girl and the home is far and away t best place to give it. We can sure that children are going to ol tain it *somewhere*. When we ou selves teach them, the knowled

Turn to page 2

You'll Dance with Joy over Blended "Dutch Boy"!





PORCH & DECK *Blended* to Stand Wear!

"Dutch Boy" Porch & Deck Paint is blended for extra toughness. It laughs at punishment from foot traffic and weather!

My Paint's Blended Right To keep Your Home Bright in Colors or White!



Here's a paint you'll click *your* heels over! It's *gay*, like the "Dutch Boy's" dancing feet! It's *husky*, like his sturdy clogs! It's *durable*, like his honest name! It's "DUTCH BOY"... *the Paint with the Happy BL-ENDING!*

Why does the "Dutch Boy" *BLEND* his paint? Because different *parts* of your home need different *types* of paint.

And *blending* makes sure that each paint is exactly right for its job . . . *blended* from the right combination of the right ingredients . . . *blended* by the master hand of the "Dutch Boy" . . . whose fame as a paint-maker spreads from coast to coast.

So, whether you want Bright White or sparkling Tints, gay Trim Colors, tough Porch & Deck Paint, or high-hiding Primer . . . get "Dutch Boy"... the paint that's *blended* just right to *keep* your home bright!

Get your "Dutch Boy" Dealer's name from your classified telephone directory. Mail the coupon for free color-scheme booklet!



BRIGHT WHITE *Blended* to Clean Itself!

"Dutch Boy" Bright White is specially blended to be *self-cleaning!* The surface continually renews itself . . . permits rain to wash away dirt. Sets a new standard for hiding! Gives a dazzling white finish that *stays* white!



TINTS *Blended* to Stay True!

"Dutch Boy" Tints are beautifully crisp and fresh . . . and they're expertly blended to assure *lasting, uniform* color!



TRIM COLORS *Blended* to Stay Bright!

"Dutch Boy" Sash & Trim Colors add the finishing touch to your home's protection. They're blended to *hold* their bright, gay gloss! Wonderful for garden furniture, too!



PRIMER *Blended* to Seal, Hide and Hold!

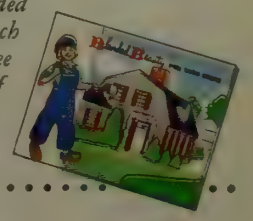
An undercoat of great sealing and hiding power, that holds fast. When used under a topcoat of "Dutch Boy" Bright White or Tints you get a superior two-coat job... *even on unpainted wood!*

National Lead Company

"Save the Surface and You Save All"

***FREE* Color-Scheme Booklet!**

Over 40 full-color illustrations show you how to style your home for Blended Beauty with the new "Dutch Boy" Paints. For your free copy, address Dept. 52, care of the nearest office listed below.



MAIL COUPON TODAY!

NATIONAL LEAD COMPANY

Dept. 52, (Address nearest office) New York 6; Buffalo 3; Chicago 8; Cincinnati 3; Cleveland 13; Pittsburgh 12; St. Louis 1; San Francisco 10; Boston 6 (National Lead Co. of Mass.); Philadelphia 25 (John T. Lewis & Bros. Co.).

Please send me a free copy of your new color-illustrated booklet: *"Blended" Beauty For Your Home.*

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YOU CAN'T TELL BY JUST LOOKING

but you Can tell

BY TESTING*



BUY ON PROOF

* Yes, *proof* no other mattress ever has offered! See the fascinating "Seeing Is Believing" ORTHO-FLEX demonstration at your favorite store. With your own eyes—see before you buy exactly why the SLUMBERON innerspring mattress gives far greater sleeping comfort.

10 YEAR *Registered* GUARANTEE

It isn't just its beauty, fine tailoring and quality materials that make the Slumberon mattress by Burton America's different, outstanding mattress in its price field. No, its sensational secret is Slumberon's patented, exclusive ORTHO-FLEX individual coil control innerspring unit! "Magic fingers" actually control the action of each and every spring so that the result is far more luxurious sleeping comfort. Comfort that is born of greater resilience—more level sleeping surface—a marvelous new buoyancy. See this claim proved in the store *before* you buy. See with your own eyes why thousands are saying, "At last the perfect mattress, a mattress unsurpassed for deep-down sleeping luxury."

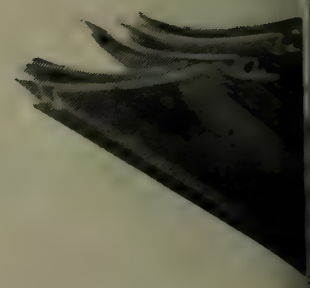
Slumberon MATTRESS

Another Fine Bedding Product by Burton

BURTON-DIXIE CORP. — Factories in Chicago • Brooklyn • Newark • Kansas City • Detroit • Lansing Memphis • Blacksburg. Warehouses in principal cities.

Also Manufacturers of Kot-N-Top Personalized *Pillows, Izolin Down Comforters, De Luxe Bedsprings, Burtonighter Love Seats.*

Aluminum



It's an old-timer in industry—now it m
turn up any place in your home: r
wall, kitchen, bathroom, or basem

By Darrell Huff

Of all the miracle materials predicted for the p war world, aluminum has come through in the striking fashion. It is being used today in just abou the new ways that were forecast. And it is selling the same price it used to.

You still can build a house, add a room, remodel old home or insulate it without using an ounce of alu num. After all, we still have copper and wood and s and asbestos and other familiar materials. But if you' canny buyer, you might give aluminum a close l It has become one of our major building mater

It has an additional appeal for you who do your work about your house. Its uniformity, its big sheets light weight, and its easy handling qualities are adv tages for the amateur workman.

To serve as *siding* is probably the biggest job you ask aluminum to do. For this purpose [*Turn to page*



To get proper lengths, you can saw aluminum like wood, or use metal she



Load of aluminum siding equals 400 pounds of lumber, weighs only 100 pounds



Aluminum tile in individual squares or in sheets of 20 tiles is easy to put up



PERFECT FOR "ONE ROOM" LIVING. *If you're "all-in-one", you'll appreciate the way* Deltox *is easy to keep clean, adds richness to any furnishings. Deltox Delfibre colors: green, brown, blue, rose, grey, natural.*

WONDERFUL FOR BOYS, TOO. *Tough* Deltox Fibres *take all the scuffling that small fry dish out. And bright patterns make decorating such fun. Deltox Delplaid colors: green, brown, blue, rose, grey, burgundy.*

Deltox gives you the smartest rugs at the smartest price!

Here's where you get real beauty on a budget — sparkling *Deltox Fibre Rugs*, so handsome and so practical — so right for every room in your home. Deltox gives you stirring colors, stunning patterns woven right in, dust shedding surfaces, and *two* usable sides on most styles — all for less than $20.* Make a date with your Deltox dealer, tomorrow, and see the rugs that will brighten your home, baby your budget.

DELTOX

*less than $20 for many 9x12's

America's smart low price rug

295 FIFTH AVENUE, NEW YORK 16

Free! Every month, new

Color Recipes



At last! An easy, inexpensive way to make your own rooms as excitingly lovely as MAGAZINE-FEATURED ROOMS!

1

NOW, ALL YOU DO is choose a paint color scheme from the many rooms featured in the current month's national magazines.

DRESS BY KANE-WEILL



2

GO TO YOUR KYANIZE PAINT DEALER. Ask for th free Kyanize Color Recipe packet.* Each month, contains easy directions for matching the paint colo schemes of the most interesting rooms featured by you favorite magazines.

KYANIZE COLOR RECIPE

MAY, 1949 — **MAGAZINE NAME**

"Modern Maple — Mayflower Background" Living Room, Illustrations, Pages 72-73

This hospitable living room is glowing with color. The red chintz in an over-scaled check and the soft green walls set off the soft, mellow tones of the maple furniture in delightful fashion.

For the paints to achieve this color scheme, we suggest:

Walls: Kyanize Clingcote Flat Enamel in Lime Green (1 quart Deep Color Forest Green to 1 gallon Clingcote Standard White, No. 500).

Woodwork: Kyanize Lustaquik Enamel White.

Ceiling: Kyanize Clingcote Flat Enamel, Color No. 500, Standard White.

Note: Tell your Kyanize dealer the approximate dimensions of each area to be painted. He will tell you how much of each paint to buy.

Color Recipes are issued monthly by the makers of Kyanize Self-Smoothing Paints.

3

HERE IS A SAMPLE of the Kyanize Color Recipes yo will receive in the Color Recipe packet. Note the explic directions for matching paints to the room colors s shown in the magazine. At last, a practical, useful dec rating help!



4

KYANIZE COLOR RECIPES SHOW YOU HOW. Kyaniz Paints *do it better . . . easier.* For Kyanize Paints ar self-smoothing. They flow on easily, leaving a surfac without brush marks! Walls, ceilings, trim and furni ture fairly sparkle . . . look like new!

USE KYANIZE PAINTS, plus Kyanize Color Recipes, fo rooms as lovely as those in the magazines. And remem ber, there's a Kyanize Paint for *every surface.*

*If your dealer is out of Kyanize Color Recipe packets, send 10c in stamps or coin with your name and address (please print) to Dept. B-5, Boston Varnish Company, Everett Station, Boston 49, Mass.

IF YOU WANT ADDITIONAL COLOR SCHEME SUGGESTIONS

ask your local Kyanize dealer to show you his Kyanize Color Recipe Scrapbook.

This scrapbook is a collection of past magazine-featured rooms with the Kyanize Color Recipe for each. It affords a wide selection from which to choose.



DECORATING'S EASIER WITH

Kyanize

Self-Smoothing

PAINTS

...from Color Schemes to Finished Rooms!

© 1949, BOSTON VARNISH COMPANY, EVERETT, MASSACHUSETTS

Aluminum

Begins on page 174

you can use aluminum sheets—flat, corrugated, or crimped—or aluminum shingles, which are made primarily for roofing. More likely, though, you would use the new sidings that look like wood siding.

Some of the siding comes in lengths of 10 to 16 feet, in widths of 4 inches and 8 inches. A man can carry on his shoulder enough siding to cover 200 square feet—the equivalent of about 800 pounds of lumber.

For remodeling or new construction, you use it over conventional sheathing, but some kinds are stiff enough to use directly over studding and building paper. This may be a desirable economy, especially for small buildings that are strongly enough framed to get along without the bracing effect of sheathing.

These sidings appear in a number of finishes. The basic finish is plain aluminum, shiny when new, dull gray after weathering. Ordinarily, however, the siding is cleaned, primed, and painted. Some makers now supply siding with the prime coat already on, so all it needs is ordinary outside paint.

A new surfacing process should make aluminum more popular as an unpainted material requiring no upkeep. In its various forms it is called pebbling, stippling, or texturizing. It gives an attractive mat surface.

If you want your siding painted white, cream, or gray, there is something even newer that may appeal to you. Two manufacturers now offer aluminum siding with a smooth enamel finish baked on. It won't chip, crack, or buckle, they say; and you'll *never* have to paint it.

You see aluminum roofs in their most common form every time you go for a drive in the country: corrugated sheets on barns and occasional farmhouses.

For several reasons, including personal preference, other forms of aluminum are often used for roofing. There are interlocking shingles in several sizes (8 by 14½ inches is one of the larger sizes) that are nailed on like wood or composition shingles.

Another shingle gives a long, smooth shadow line that is most attractive on houses with low roof lines.

Because of their shape the corrugated sheets (about 2 feet wide and 6 to 12 feet long) are so strong that they will stand up without solid sheathing.

Used in similar fashion, but over [*Turn to next page*



Standing-seam aluminum roof is weatherproof, won't corrode, warp, or crack

NEW COOKING INVENTION
Gives Better Meals in Half the Time





Here's How "Domed Heat" Gives All Meats "Charcoal-Broiled" Flavor

Wonderful new domed roof of Florence Broilercue concentrates radiant rays of penetrating "Domed Heat"—gives steaks, chops, chickens delicious charcoal-broiled flavor . . . crisp outer crust, tender, juicy center. Enjoy this new kind of cooking!

Florence Registered Gas Range Gives New 2-Oven Convenience Saves Time . . . Money, Too!

Get whole meals ready at once! Put your meats in the Florence Broilercue . . . your cakes, pies, casseroles in the big baking oven . . . *and take them all out at the same time!* More delicious, too! Broilercue grille adjusts for roasting, broiling and barbecuing . . . patented design makes it smokeless. Oven holds 3 cake layers on one rack.

*REG. U. S. PAT. OFF.



"It's Easier to Keep Clean," says St. Louis Housewife

"Everything about a Florence Registered Gas Range is easy to clean," says Mrs. Wilkins of St. Louis, Mo. Yes, your Florence stays new looking longer.

SEE THE FLORENCE REGISTERED GAS RANGE

at your dealer's today. Models for LP-Gas (Bottled or Tank) and City Gas.

FLORENCE 75 DIAMOND JUBILEE

REPLACEMENT OR A REFUND OF MONEY — Guaranteed by Good Housekeeping — IF NOT AS ADVERTISED THEREIN

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REVEALS TIME-SAVING SECRETS

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WHAT A RELIEF... NEVER HAVING GARBAGE!



The G-E DISPOSALL* gets rid of garbage automatically!

Whoopee! Just think—no more garbage ever! No germy garbage can. No kitchen mess. What a relief to have all food waste disposed of *immediately*, right in the sink. What a great timesaver, stepsaver. And your kitchen always clean . . . sanitary!

Just see how the G-E Disposall, the product of years of testing and development by General Electric, helps rid the home of garbage:



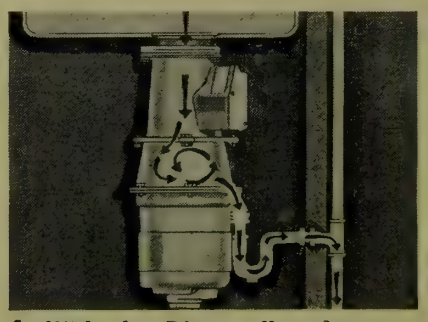
1. Scrape all food waste—pits, peelings, fruit rinds, even chop, chicken, and fish bones—into the drain. That's the last you see of them.



2. Lock protecting cover with a twist to the left. Notice openings in the cover for clean, flushing water to enter the Disposall as it works.



3. Turn on cold water. This automatically starts the Disposall action. Food waste is shredded into tiny particles, flushed into sewer or septic tank. The Disposall works perfectly with either sewer or septic tank.



4. With the Disposall under your sink, you'll never see garbage again. You'll agree with Disposall users who say: "My kitchen's a million times cleaner." "The Disposall's my favorite appliance." "I'd never give it up!"

SEE YOUR RETAILER TODAY!

He'll be happy to give you a demonstration of how easily and efficiently the Disposall works. He'll show you how simply it can be installed in your kitchen—how it fits most every sink. Ask, too, about the All-Electric Sink that teams up a General Electric Dishwasher with the Disposall! General Electric Co., Bridgeport 2, Conn.

*General Electric's registered trade-mark for its food-waste disposal appliance.

DISPOSALL

REMEMBER: *YOU CAN PUT YOUR CONFIDENCE IN GENERAL ELECTRIC*

GENERAL ELECTRIC

Aluminu

sheathing, are large V-crimp sheets. These give diffe attractive lines, cost only a little more than corruga

Other forms of aluminum roofing resemble tradi al copper and lead roofs. Standing seam is one variet adapts well to all roof shapes, gives a permanent su unpierced by nails, and can be used on roofs with pit low as 2 inches to the foot. Putting it on is a job professional because it takes skill and special tools w the handy man probably wouldn't have.

Principal advantage of all these products is refle insulation. Any aluminum roof reflects away most o sun's heat because of its surface. Oddly enough, it tinues to do this with nearly full effectiveness even it has weathered to a dull gray. The weathering keeps it from reflecting visible light is no handica getting rid of infrared heat rays.

This insulating quality works both ways. The un side of the aluminum layer reflects downward some o heat that reaches it from below in cold weather, and it helps to keep your house warm in winter.

Aluminum foil also can give your house reflective sulation. A typical product is two layers of the foil mented to impregnated building paper that also for vapor barrier. It is used in ceilings and side walls, o is stapled to studding or rafters.

Since foil works by reflecting radiant heat, it is efficient when used in the ceiling to keep out the he the summer sun. One layer will reflect up to 95 per of this radiant heat. For this purpose—protection aga the sun—foil gives maximum protection per dollar.

Ducts, pipes, and vents of aluminum are showing u new houses. For heating ducts, aluminum is light handles easily; these same qualities show up in its use plumbing vents. Electrical conduits often are alumin now, and current-carrying wire itself may be alumin though copper remains the more common kind.

Sheet aluminum is more expensive than galvani metal for flashing and those other jobs that keep y house free from leaks and insects. But it lasts a long t because it won't rust, and it never has to be painted

Eaves troughs and downspouts of aluminum will as long as your house. You can buy them in three sty half round, Colonial box, or molded. They are appl without soldering by means of a slip joint and spe



Aluminum foil is an easy-to-apply reflective insulation for walls and ro

...tinued from page 177



luminum sash is light and durable, erefore easy to install and operate



Combination storm and screen door of aluminum weighs only 36 pounds

astic which together form a permanent water tight seal. Aluminum tiles, enameled in white or bright colors, uickly provide a neat wall surface in kitchen or bath. hey come in sheets or individually. They are set in le cement and can be applied to any firm, flat surface. Aluminum double-hung windows offer a lifetime of surance against swelling, sticking, and rattling. So do uminum screens and storm sash, which you can get ngly or in combination. Aluminum casements have arrow muntins that cut out a minimum of your view.

Wherever strength with lightness is the aim, alumi- um is useful about the home: as portable furniture, lothesbaskets, movable clotheslines or supports, ironing oards, game tables, wheel toys.

Less conventional uses are for sinks and trim, blinds, wnings, electrical fixtures, stair nosing, and rails—in- luding a handrail that adds beauty and safety by con- aining concealed lighting.

When you build or remodel—whether mansion or iniature—compare aluminum's virtues and economies ith those offered by more conventional materials. May- e aluminum is right for the job.



Aluminum can give a sparkling kitchen with easy-to-work drawers and doors

When you **think about heating** for your new home

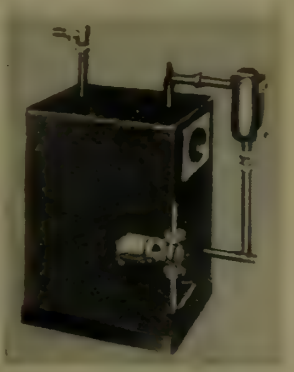


...think of sunny warmth with



Hot water in abundance
A *Hydro-Flo* Heating System furnishes year 'round hot water—loads of it—24 hours a day. Plenty for automatic washers, showers and every household use.

B & G *Hydro-Flo* Radiant Panel Heating



Simple, dependable equipment
B & G *Hydro-Flo* Heating equipment can be installed on any hot water heating boiler. It provides the controlled warmth which has made this system famous for *comfort without extravagance!*

A home is usually a lifetime investment—so be sure the heating system you select will give you a *lifetime of comfort!*

That's why you should have all the facts about B & G *Hydro-Flo* Radiant Panel Heating before you decide. You'll realize why this ultra-modern system is creating a wave of enthusiasm among home builders the country over.

Here's *completely hidden* heating—draftless—cleaner—cheerful and soothing as a beam of sunshine. You'll never be hampered in your decorative planning because the heating panels are concealed in the floor or ceiling. It's economical heat, too, automatically adjusted to meet every change in the weather—no fuel wasted.

Any type of home you prefer—ranch house, modern or traditional, with or without basement—can have the luxurious comforts of B & G *Hydro-Flo* Radiant Panel Heating.

Free Booklet

B & G *Hydro-Flo* Heating is fully described in a beautifully illustrated, four color booklet. Send the coupon for your copy—learn now of the benefits of this system of radiant, sunny warmth.

B & G

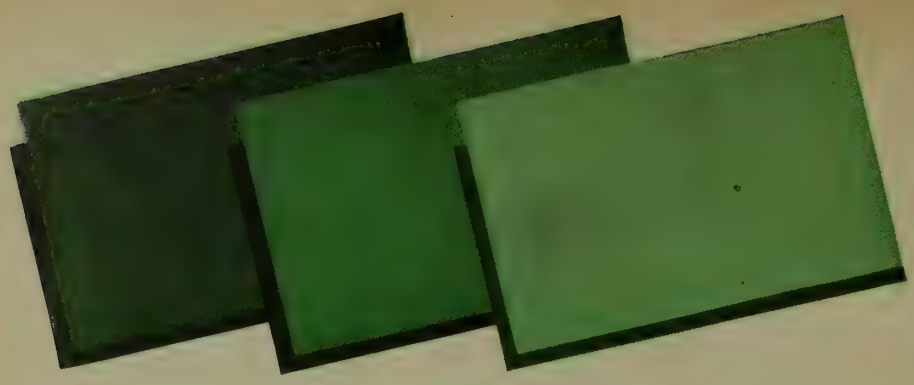
BELL & GOSSETT Company

DEPT. AZ-26, MORTON GROVE, ILL.
Send your free booklet, "Capture the Sun with B & G *Hydro-Flo* Heating."

Name.....

Address.....

City.....*Zone*.....*State*.....



What! 248 Shades of Green?

It's amazing but true...





All different, all precise *and all green* . . . prescription-mixed and ready to use in NU-HUE CUSTOM COLOR PAINT!

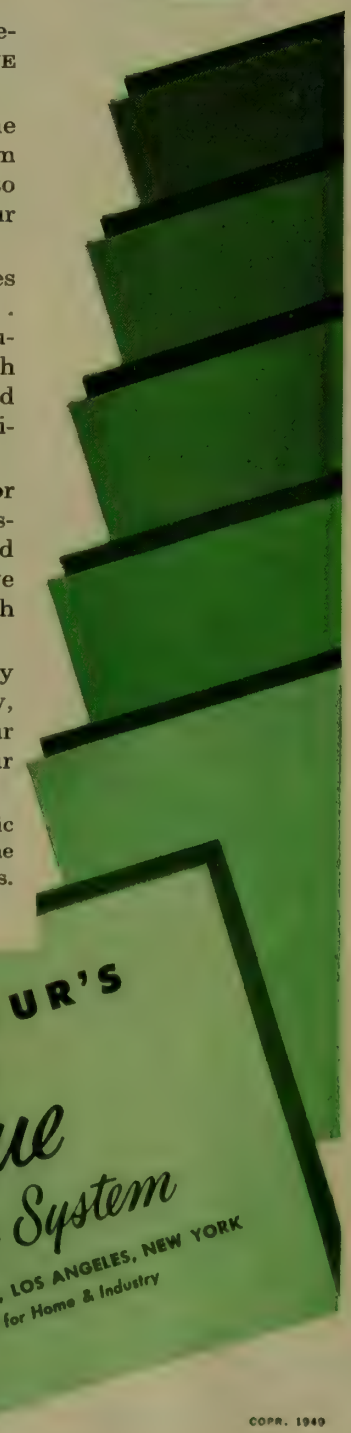
From the deepest emerald shade to the mildest apple green, only Nu-Hue Custom Colors can give you the green you want . . . to match your draperies, harmonize with your slipcovers or contrast with your rug.

Now you can see actually painted samples of *any* color you wish in *any* shade you seek . . . vividly displayed for rapid selection or accurate matching at the Nu-Hue Color Bar. Each Nu-Hue Custom Color is prescription-mixed to a specific Nu-Hue formula . . . can be duplicated for you at any later date!

No more endless home-mixing, guesswork or disappointments. In seconds, the Nu-Hue Custom Color System gives you the blended color harmony or accurate color match you've always wanted . . . in flat, satin or enamel finish interior paint of the finest quality.

Don't be annoyed any longer by ordinary hit-or-miss color-selection methods. Quickly, easily select the glorious color scheme your home deserves . . . at the nearest Martin-Senour Nu-Hue Color Bar . . .

BEFORE YOU DECORATE . . . See these specific greens, recommended for up-to-date interiors by the nation's leading designers and color consultants. NU-HUE CUSTOM COLORS No. 53, 89, 142, 763.

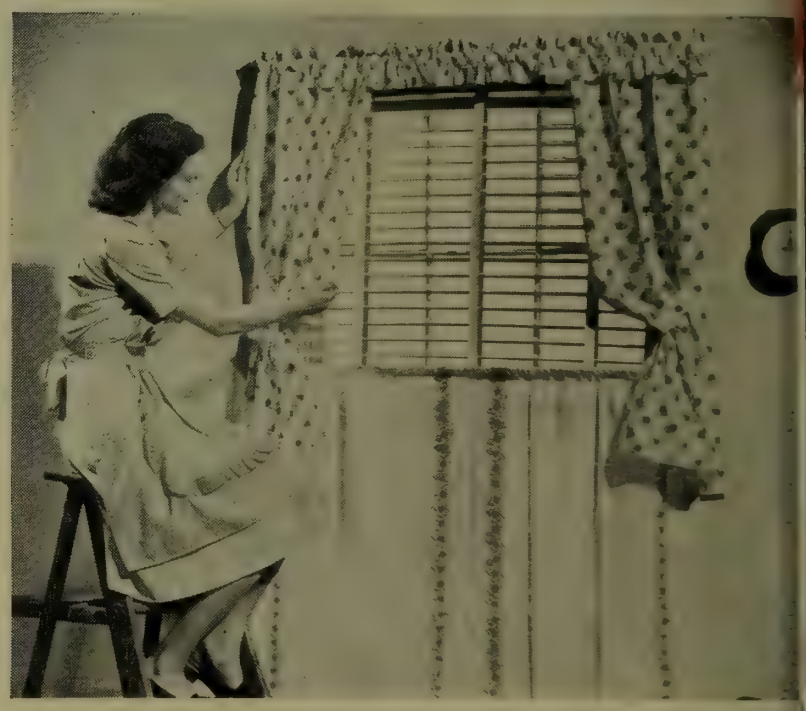


COPR. 1949

Scrapbook of kitchen curtains

Practical enough to hang over the sink, yet pretty enough for your dining nook

By Elizabeth Gilrain



Paper curtains and paper Venetian blinds eliminate laundering c pletely. They're low-cost, so you can just throw them away when t become soiled. Blind slats can be tilted, raised, or lowered. Curtains available in several designs besides strawberry pattern shown

Photographs George de Gen



Cottage curtains in this end of Mrs. Lance Nolley's kitchen, Sherm Oaks, California, are easy to launder. They're straight pieces of in pensive unbleached muslin that lie flat for ironing. Chintz bands mat wallpaper. Shaped wood cornice provides shelf to display milk gl

More on page

"My 6 best servants have the same name... FAIRBANKS-MORSE"



"Meet the family's 'strong man'! It pumps all the water we want and puts it where we need it. It's so dependable, too!"

"Our twin blessings—a water softener and a water heater! They save me so much time and work! And both operate automatically!"





"And these are my Monday wife-savers! I can do all our washing and ironing in one day—and not be worn out!"





Get your heads together with your FAIRBANKS-MORSE dealer!

re you ready to buy your first water system . . . replace the inadequate ne you have now . . . or buy a water heater, water softener, washing achine, ironer or a cellar drainer? The Fairbanks-Morse dealer in our town is the man to see!

His experience qualifies him to help you select the equipment that ill give trouble-free service for years to come. He knows that in ecommending products bearing the Fairbanks-Morse name, he is giving ou the best in quality of materials and construction, performance and conomy.

Get your heads together with your Fairbanks-Morse dealer today. et him show you how little it may cost to make life happier for you nd your family.

FAIRBANKS-MORSE

A name worth remembering

DIESEL LOCOMOTIVES • DIESEL ENGINES • STOKERS • SCALES • MOTORS • GENERATORS
PUMPS • RAILROAD MOTOR CARS and STANDPIPES • FARM EQUIPMENT • MAGNETOS

The sixth servant

In homes where seepage and flash floods are hard to control, a Fairbanks-Morse cellar drainer saves thousands of dollars in property damage, and hundreds of hours of dirty clean-up jobs. Works automatically. Lasts for years.



Fairbanks, Morse & Co.,
600 S. Michigan Avenue,
Chicago 5, Illinois

Gentlemen: Please send me the free booklet describing the entire line of Fairbanks-Morse Water Systems. I understand that I am under no obligation whatsoever after receiving this book.

B1-5

Name.....

Address.....RD.....

City.....State.....

You'll be happier with a HOOVER®

Whichever type you prefer

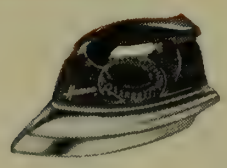
No other cleaner has ever matched a Hoover in getting deep-down grit, keeping colors bright, prolonging rug wear. It makes life easier for the woman with cleaning to do. Now Hoover offers you the greatest possible choice—two basic types, four great models. Why wait? Get happier today. Call your Hoover dealer for a home showing of any model.



MODEL 50 (*above*). *Hoover's cylinder cleaner. Cleans by powerful suction. Easiest-to-use cleaner of its type. Many features including exclusive Dirt Ejector. End and top carrying handles. Complete with cleaning tools in handy kit, Mothimizer and sprayer*... **$79.50**



MODEL 28 (*below*)... *Hoover's popular-priced Triple-Action Cleaner—it beats, as it sweeps, as it cleans. Instant conversion for above-the-floor cleaning*... **$74.95** *Cleaning tools in handy, lightweight kit*.....*$19.95*



See the great new Hoover Iron at leading stores. Light, slick, quick, well-balanced. Fast, even heat. Exclusive Pancake Dial for Positive Heat Control. Made for speed and ease.





MODEL 115 (*left*). *Hoover, Junior. Newest, lightest Hoover. Ideal for small homes, handy for all homes. Low, light, neat and trim. Cleans far "bigger" than its size. A Hoover through and through. It beats, as it sweeps, as it cleans*..... **$59.95**

Cleaning tools extra.

The Hoover Company, *North Canton, Ohio; Hamilton, Ont., Canada; Perivale, England.*

Scrapbook of kitchen curtains

Begins on page 180

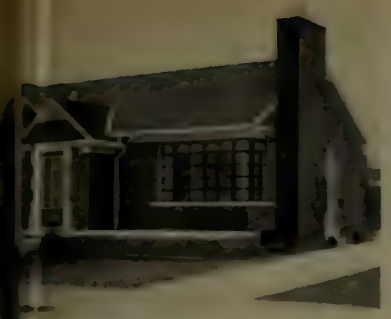


Dinette window of Mr. and Mrs. Doug Repp, Tucson, uses short draperies that won't impair view of Arizona mountains. The pattern picks up desert colo



Window over breakfast table of Mr. and Mrs. Thomas F. Rodgers, North Hollywood, California, has ruffled dimity curtains, as crisp as a starched apron

More photographs on next page



TROIT CONTRACTOR
BUILDS OWN HOME
NSTALLS DELCO-HEAT

n above is the home of Mr. oh Surowieckie, Detroit build- ontractor. "After investigating erous heating units," says Mr. wieckie, "I decided on the o-Heat Conditionair for my e. It has now proven very de- able and economical. My Delco- Dealer certainly knew how to ll it so as to give full efficiency."

es, Mr. Surowieckie—General ors has the "know-how" to the *best*—and your factory- ed Delco-Heat Dealer has the w-how" to install it *right*. Mr. wieckie's installation was made he Triple "A" Heating Co., Dyke, Mich.

o-Heat Conditionair with the ex- e" "Rotopower" unit—an auto- "forced warm-air furnace—both heats and cleans the air in your home. For oil, gas or coal-fired automatic heat, see your nearest Delco-Heat dealer. Or write—

co Appliance Division, General tors Corp., Rochester 1, N. Y.



r
arm and
se in carving

RVEL HALL Steak Knives and Carving Sets give your table a e air, complement your finest and make carving a pleasure. er Set (above) includes Carv- Knife, Fork and six famous e Hall individual Steak es. All blades are chrome- dium steel, keen and lasting, handsome ivory Lustrex les with sparkling trim. d-oak case lined with bur- y velvetyn. At better stores.

Write ur copy uicy s are rt."

CHAS. D. **Briddell**
INCORPORATED
CRISFIELD, MARYLAND
Fine Quality Cutlery

Kitchen curtains



Hard-to-curtain corner windows of Mrs. Leverne Graves, Los Angeles, wear dotted net curtains with band of print that emphasizes their horizontal lines

Edward Lester Smith



Dining alcove windows of Mr. and Mrs. M. Burton Armstrong, Bel Air, California, have only a hint of curtains: A sheer valance edged with rickrack

For further information write for booklet entitled "Well-Dressed Windows," price 25 cents, Meredith Publishing Company, Des Moines 3, Iowa.



● A misstep in a shadowed hallway can often mean a serious injury. That is why we recommend a panel of PC Glass Blocks at the stairwell to provide you with plenty of natural daylight to see by.

But safety is only one or the many advantages you gain when you install PC Glass Blocks here—or at the entrance, in the bathroom, or at some dark spot in the home. For PC Glass Blocks improve the appearance of your home on the outside. Your furnishings are given more color and beauty by the floods of light admitted. At night, too, the inside illumination pouring through PC Glass Blocks adds a touch of beauty to your home; marks it as friendly and cheerful. PC Glass Blocks are a worthwhile investment in more light... more beauty . . . more comfort. And they don't need replacement, repairs and repainting—a sizable expense with ordinary windows.

Include PC Glass Blocks in your building or remodeling plans. And for complete information, just fill in and return the coupon below. There's no obligation on your part.

Pittsburgh Corning Corporation
Dept. E-59, 307 Fourth Ave.
Pittsburgh 22, Pa.

Without obligation on my part, please send me a FREE copy of your booklet on the use of PC Glass Blocks in the home.

Name_____

Address_____

City_____ State_____

PITTSBURGH PC CORNING GLASS BLOCKS

Distributed by Pittsburgh Plate Glass Company, by W. P. Fuller & Co. on the Pacific Coast, and by Hobbs Glass Ltd. in Canada



"We've compared COMFORT..."

With all its other advantages, our hard coal stoker gives us *better* heat. Always even, always s-t-e-a-d-y. No "cold 70°s" of "on-and-off" heat, because it's never off. And always *all the heat we want!*

"We've compared CONVENIENCE..."

Our stoker automatically takes care of fueling, temperature control and ash removal. It gives us all the heat we want... all the hot water we need... without worry or trouble.





"We've compared COST..."

It's amazing how quickly our fuel savings paid the whole cost of the stoker. Even with all the heat we want, our stoke pays *us*... just like getting a big dividend check every yea



"Works like a charm— everything automatic and trouble-free. I certainly recommend it!" Mrs. R. Angrees.



"Less money up the chimney and steadier, better heat. We never want to change back." Mr. George Bolton.



"Not one emergency or repair in 5 years. Best heat we've had—quiet, and no dust!" Mr. Peter J. Brennan.



"Far more dependable than our previous automatic heat. Doesn't 'soot up' walls and curtains." Miss Anna Gore.



"Saved $112 in one year— just like getting a dividend check! A time and trouble saver!" Mrs. Ronald L. Combs.



"Sudden heat and cold kept us running to the thermostat. Now we get continuous even heat." Mr. Frederick Daut.



"Better hot water supply. Plenty for heavy summer laundry and baths without waiting!" Mr. Stephen J. Barry.



"Imagine saving $120 in an extra cold winter! And our storm windows weren't even up." Mrs. Anthony Doyle.

...and there's just no heat like automatic hard coal heat!"

● A good way to compare 2 kinds of automatic heat is to ask someone who's tried both. On this page you meet just a few of the people who *have switched to hard coal and a stoker.*

Their experience may be a very welcome guidepost for you—if you're thinking of a new home or improvements for your present home. They've found that a modern hard coal stoker burning the plentiful *cheaper* sizes of Anthracite is *the* unbeatable heating combination: a heating plant that takes care of itself... a low-cost fuel that saves enough to pay for your new equipment!

And no more fuel worries! Hard coal can be stored in quantity, with a year's supply in advance. Call your nearest Anthracite dealer today for full details about automatic equipment and the savings you can expect.

Pays you as much as $100 a year ...or more!



When you use Anthracite you can count on fuel savings of 32% to 52%—well over $100 a year for many families, which is money worth having in these days of high costs!

ANTHRACITE • HARD COAL

ANTHRACITE INSTITUTE
101 Park Ave., New York 17, N.

Living outdoors is part of the plan

When you lay plans for your family room, make a handy terrace and barbecue part of the scheme. If you can place the terrace just outside the family-room door, you'll get one big indoor-outdoor living area in summer.

Gather the clan together to decide what you'll be using the terrace for. If it's a sunning terrace, you'll only need sturdy weatherproof furniture, with maybe a roof for shade on hot days. If it's a dining terrace, look for short routes to the kitchen. If you want a barbecue, too, make up your mind about the kind of cooking you'll do there and how you want to serve it.

The Eubanks voted for a complete barbecue-terrace because outdoor cooking is Mr. Eubank's hobby. And they wanted a roof to protect the barbecue and part of the terrace. You may find ideas worth borrowing in these pictures.



Storage space for terrace chair cushions and wood was part of the master plan. This deep box has two compartments so cushions can be stored separately from the fireplace logs



Grill for quick steaks makes dinner on the terrace a family affair. Dad takes charge of grilling the meat; Pat slices bread; Mother tosses the salad. Cutting board at the back is close to the chimney so it can act as a serving table, too. Hitching post is used as grill support



Close-up of the oven that doubles for cooking and for warming food shows its king-sized proportions. As Mr. Eubank requested, it's big enough for buffalo. Note the orderly arrangement of grills and forks. They're hung from iron hooks on the side of the oven where the chef can reach them

See also page 298



THIS MONTH

SPRING CLEANING must kill dangerous dust-borne* germs



Help protect your family's health when you clean house this Spring! Remember . . . deadly disease germs *by the millions* may lurk unseen in ordinary house dust. So—don't *merely clean*, but clean *hygienically*, with potent, germ-killing "Lysol" brand disinfectant in every pail of cleaning water. This goes for your *daily cleaning routine*, too, throughout the year. Dependable "Lysol" is highly concentrated . . . wonderfully economical to use.

*Scientific research has shown that *dust* is a great reservoir of infection . . . that various streptococcal and respiratory diseases are definitely connected with house dust.



Every Day . . . Clean the Hygienic, Germ-Killing Way . . . with

"Lysol" Brand Disinfectant

Reg. U.S. Pat. Off.

AMERICA'S LARGEST SELLING DISINFECTANT

A concentrated germ-killer, used by leading hospitals, recommended by many doctors.

Product of Lehn & Fink



SCRUB SHELVES, cabinets, closets with germ-killing "Lysol." They can be dangerous dust collectors . . . may harbor disease germs in great numbers. Kill germs as you clean!



YOUR BATHROOM is full of "danger spots"—surfaces where millions of disease germs may breed. For the *hygienic* cleaning of floor, walls, tub, toilet, *all* fixtures—use "Lysol"!

TIME-SAVING CLEANING SUPPLIES

For spring an

By Catherine Eddy

It's wise to check your cleaning supplies and tools befc you start spring house cleaning. Do you have what y need to do each house-cleaning job?

There are cleaners that quickly wipe soil off wa papered and painted walls; there are special polishes th make windows and each kind of furniture sparkle; the are materials that dissolve or absorb grease from a spl tered range or spotted rug; there are dry cleaners th eliminate soap-and-water floor scrubbing. We tell y about them here.

The right cleaning aid will save you many minutes each job.

Wallpaper

Products	What they do
Dough-type cleaners	Remove allover surface dirt up soil like an eraser
Paste cleaner	Absorbs grease spots. (It is a bination of fuller's earth anc bon tetrachloride. Apply it overnight; brush off)
Wallpaper wax	Coats colorfast papers to them more serviceable and resistant in rooms that ha take steam, fingerprints, smudges. (Try on sample of or in inconspicuous corner of before starting entire room as in some paper may streak)

Furniture

Dusting papers	Take the place of dustcloths. (in rolls. Pull out as much a need from dispenser box, tea Throw away after dusting)
Chemically treated dustcloths	Clean, polish. (Polish is in c
Cheesecloth by the yard	Makes absorbent pads with w to apply polish
Polishes	
1. Oily base polishes (clear or tinted)	1. Give quick luster without bing
2. Touch-up liquids and pastes with stain added	2. Mask surface scratches and
3. White water-oil emulsion creams	3. Take the place of soap and w for occasional cleaning of wo furniture, daily care of porc and enameled surfaces
4. White wax-emulsion creams	4. Clean, polish, and protect h application
Special furniture waxes	Polish and protect table or tops. (Similar to paste floor One brand comes in four colo wood finish)

eryday house cleaning

lucts	What they do
Painted surfaces	
id cleaners	Wipe away soil. (Ready to use from bottle or can)
dered cleaners	Dissolve in warm water, and use like liquid cleaners above
m waxes or polishes	Clean and polish painted woodwork and Venetian blinds
s, detergents	Use with warm water for daily clean-up
tian-blind cleaners	Especially designed for cleaning Venetian blinds
tian-blind cleaner applicator	Applies cleaner and cleans both sides of slat at once
tian-blind brushes	Made with three or four fingers to dust four to six slats at once
For porcelain and enameled fixtures	
hen cleansers	Clean kitchen and bathroom fixtures
nel-porcelain polishes, m waxes	Clean, shine, and protect refrigerator and range in one operation
-grease liquid	Dissolves away oily food splatters on range and in oven
sehold bleaches	Remove stains from enamel and porcelain, make fixtures hygienically clean
Windows and mirrors	
s cleaners	Make water-scrubbing unnecessary. (Leave invisible film that resists dirt, finger marks, and water spots)
mically treated glass cloth	Cleans and polishes. (Polish is in the cloth)
ndow-cleaning gadget	Eliminates use of cloth. Handle is filled with cleaning fluid which wets the wick you run across window. You dry window with squeegee attached to gadget
Rugs and upholstery	
am cleaners	Clean fast-color fabrics with suds-like froth
y cleaners	Remove greasy soil. (Recommended for fabrics that might fade with a shampoo)
sh-top and felt-top spot novers	Remove spots. (Applicators are on bottle tops so you can tip bottle and rub spot without using cloth)

More on next page

Scrubbing got you down?



Here's how Bruce Floor Cleaner and the Doozit brighten wood and linoleum *without* scrubbing!

First you pour a little wax-rich Bruce Floor Cleaner on the wood or linoleum, and use a few easy strokes of the Doozit to loosen the dirt. Next, drop a cloth *under* the Doozit Pad and wipe the floor surface dry. Then, replace the moist Doozit Pad with a dry one and polish the wax film to the desired lustre.

Just *that* easy—and in only minutes—your entire floor care job is finished. Your floors are brighter, cleaner, more lustrously lovely, unharmed by the destructive effects of soap and water. And *you*, you're fresh as the moment you started. Happily free of the fatigue and backaches of old-fashioned floor scrubbing and waxing. No wonder thousands of smart homemakers are switching to modern Bruce floor care. You will too!

Bruce Floor Products are featured at all leading stores. The Bruce Doozit is only $1.89. Extra pads, 19c each. Bruce Floor Cleaner, 68c quart and $2.10 gallon.



BRUCE
floor products

Bruce Tuf-Lustre Wax · Bruce Paste Wax · Bruce Self-Polishing Wax

E. L. Bruce Co., Memphis, Tenn. • • • World's Largest Maker of Hardwood Floors

"It's the most unusual window screen I've ever seen!"



- it costs so little*!
- it goes up so easily!
- it's so easy to handle!



DURALL aluminum TENSION SCREEN

Amazing...but true! You actually save *dollars* with Durall. For much less than you'd expect to pay, you can have this good looking, full length, aluminum window screen—ready to install.

How easy to put Durall in place—*from inside the house!* Just snap a catch here and turn a thumbscrew there. Durall is flexible, too—you can roll it up for easy storage, toss it in a tub for cleaning, and even wash your windows without removing the screens.

Buy Durall and forget painting costs and replacement and repair bills. Aluminum, *it never* needs painting (and never rusts or stains your house). It's rugged and resilient—built for years of hard wear.

See your dealer or write today for complete information and name of dealer nearest you. West of the Rocky Mts., ask for the Ry-Lock Tension Screen.

*Present retail price for popular 28 x 54 inch size. $4.35

AVAILABLE IN ALL SIZES FOR DOUBLE-HUNG WINDOWS

NEW YORK WIRE CLOTH COMPANY, BH-5
445 PARK AVENUE, NEW YORK 22, N. Y.

● Please send me your FREE booklet about Durall for my home.

Name.....

Street and Number.....

City.....Zone.....State.....

Cleaning supplies

Begins on pag

Products	What they do
Stick spot-eraser	Removes grease spots. (chalky material in a stick, cc small round case. You rut spot, let stand a minute, bru
Rug cleaning powders	Remove light allover soil. U a week, keep rug from bec soiled. (Brush into rug, let s hour, vacuum)
Leather reconditioner	Softens all leather except lac types, keeps leather uph from cracking
Floors	
Dry mops	One type has rotary head tl you use either side to dus mop has flexible extension to reach inaccessible spots
Wet mops	There's a sponge type tha vents excess water on floo mop has a lever on han squeeze excess water from head. To go with other mops are slotted cups that fit on easy wringing. One mop has and squeegee attachment can use it as window clean
Rubber dustpan	Won't mar floor, grips floor so dirt won't scoot underne
Linoleum cleaners	Dissolve away dirt, make soa water scrubbing unnecessa
Mildew killer	Gets rid of mildew on bas floors and walls, prevents
Wax removers	Make it easy to take off ac lated wax layers
Combination cleaner-wax	Cleans and waxes in one tion. (It's a solvent-liquid combination)
Regular liquid waxes	Wipe on; polish when dry. be used to clean and wax a time if you apply it freely an it off while still wet)
Paste waxes	Apply in thin layer; polish dry. Fills pores of wood and long-lasting finish—ideal bas on wooden floors
Self-polishing waxes	Shine without rubbing. Best phalt and rubber-tile floors they often are softened by so used in most other waxes
Ball-point waxer	Feeds itself. (Upturned bot wax fits into plastic dispenser drips into sheepskin applier)
Wax appliers	Special fabric or felt pads or handles apply wax evenly
Triple-use applier	Cleans, waxes, and polishes sert fine steel-wool pad each Pads can be rinsed in floor cl or solvent, and used again)
Floor polishers	Weighted brushes or electric ishers produce high shine on w floors
Plastic finishes	Give a stain- and mar-res surface suitable for some
Varnishes	Perfected to resist wear or and for ease of application

...ICILLE BALL WEARS THESE PINS...AND SO CAN YOU!

2 Beautiful Scatter Pins



LUCILLE BALL, star of "My Favorite Husband" (CBS) and many films.

...Real Jewelry...Gold-Plated...
...et with Simulated Aquamarines

A matching pair of pins

for only 25¢



...and one (1) top from a package of



LA FRANCE
BLUING FLAKES

A PRODUCT OF
GENERAL FOODS

NOTARIZED CERTIFICATE

This certifies that these scatter pins are genuine costume jewelry and that the price includes Federal Excise Tax. Further, that they are plated with genuine 24 and 16 carat gold, hand polished and set with high lustre simulated aquamarines. These pins are not being offered for sale through any retail outlets.

Jack Garvin, Manufacturer

ACTUAL SIZE! Set with beautiful sparkling simulated aquamarines!

...this handsome pair of genuine scatter pins—now. They're ...peak of fashion this very season!

...hen you see them, you'll find it hard to realize that they cost ... 25¢ and a La France box top. You'll doubt your own eyes!

...ecause these scatter pins are real jewelry... made of a fine cos... jewelry base, gold-plated, hand polished. Each pin is set with ...parkling simulated aquamarine, just like so many expensive ...es!

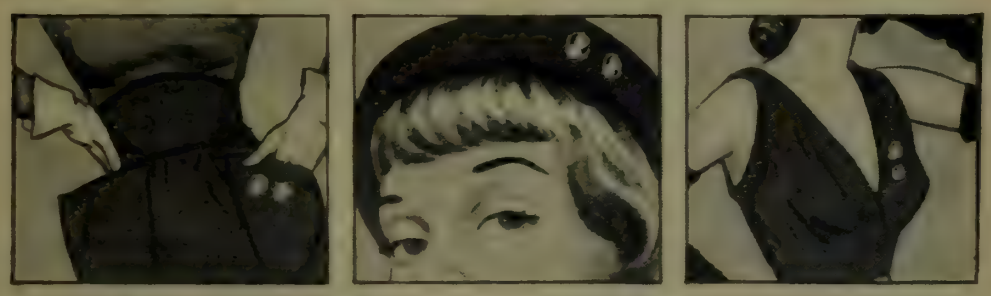
...he detail of the pin is perfect. The rim and one leaf is plated ... 24 carat yellow gold... the blossom and the other leaf in 16 ...t pink gold! That's to make an even richer setting for the pale ...-green of the stone. And each pin is lacquered to prevent tar... ...each pin has a safety catch. You'll love them!

You'll Love La France, Too!

... when you try New La France with Luminess along with your ...lar soap or detergent, you'll be amazed! What wonderful things ...onder ingredient—Luminess—does for your wash. It makes ...te whiter than new! It actually brightens colors, makes reds ... greens richer, blues and yellows brighter! Furthermore, La ...nce is guaranteed not to streak, spot, or fade the finest fabric. ... extra rinse... just add it when you add your soap.

...o get your becoming pair of scatter pins... tear out the coupon ...t now! And be sure to put La France on your shopping list.

Wear your stunning scatter pins in many ways!



To brighten up a dark skirt... to decorate a hat... to lend accent to the plunging neckline of a new spring evening dress

CLIP COUPON NOW!

Mail the coupon and box top to LA FRANCE, Dept. BHG, Battle Creek, Mich. Be sure to include 25¢ to get this great value. Offer expires on June 30th, 1949. Send today!

Name_____

Address_____

City_____ State_____

This offer void in any state, or municipality, or locality where prohibited, taxed, or otherwise restricted.
NOTE: This offer expires June 30, 1949. Good only in continental U. S. A.

Fostoria

MADE IN U.S.A.



FOR sitting pretty

When table manners call for *sitting pretty* in a prideful setting, you'll want *Chintz*. There's nothing lovelier than this gay "Master-Etching" . . . it's handmade by skilled Fostoria craftsmen. With loving care, you'll assemble each precious piece around the table . . . mindful that you'll be the happy heroine of any party. For distinction, designed to fit your budget, you must see *Chintz*. Or the many other fine Fostoria selections at the better stores everywhere.

FOSTORIA

FOSTORIA GLASS COMPANY • • • MOUNDSVILLE • WEST VIRGINIA

Time-saving tools

Egg slicer



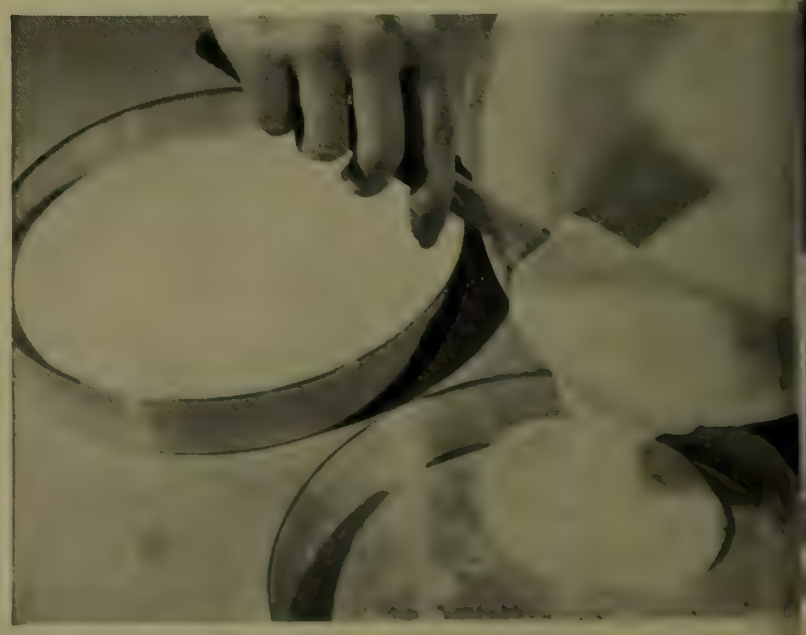
For sliced egg, place shelled, hard-cooked egg in horizontal holl slicer; slice. For chopped egg, lift sliced egg, raise wires, place in ve hollow, slice again. Remove chopped egg before raising the

Kitchen scissors



Carving with the scissors is fast. They work fine on ham or sirloin st quickly trim meat to fit sandwiches. Use them to cut joints on roast

Rubber scraper



Cake batter gets slicked into the pan with real speed. Use scraper folding in egg whites, too; and on plates before they go to the dish

from page 143



ming has saved many a four-minute egg, burned pan, boil-
ood pot of coffee. Timer rings to remind you not to forget

aped steel wool



ed pots and pans, and the spattered broiler can be scoured
iffy with this pre-soaped pad of steel wool. So can rusty tools,
sticks, and the white side-wall tires on the family automobile



d fingers if you keep a pair of tongs handy to the range where
each them quickly. Use them for turning meat, lifting corn on
nd eggs out of cooking water, serving both meats, vegetables

"Soup to Dessert" Cooking

This Spacious Caloric Cooks Entire Meal At The Same Time



Guaranteed by Good Housekeeping

RUTH SHELDON, famous Washington, D.C., home economist, gives high marks to the time-saving convenience of this roomy Caloric with 6 burners, 2 ovens, 2 broilers.

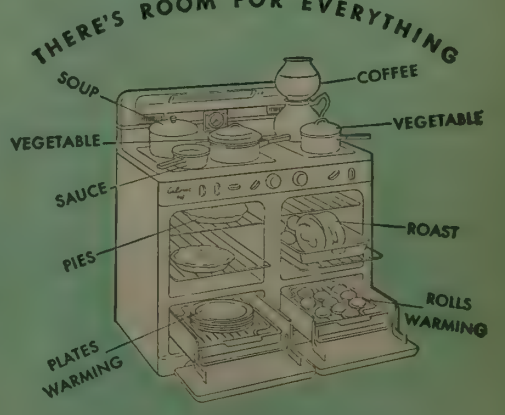
With a roomy Ultramatic Caloric Gas Range, you'll never be handicapped for lack of cooking space. Your entire meal—soup, roast, vegetables, pastry and coffee—can be cooking at the same time—and done at the same instant.

And think of all the other desirable Caloric features. Flavor-Saver Dual Burners give you "Flexible Heat"—exact "measured" temperatures for perfect cooking. Save lots of gas, too.

With Caloric's Automatic Oven Time Control, meals practically cook themselves while you go shopping, or to the movies.

Caloric's Porcelain Enamel Finish, inside and out, Removable Broiler and other easy-cleaning features make it America's Easiest Range to Clean and Keep Clean.

For list of local dealers see "Caloric" in classified phone book—or write Caloric Stove Corporation, 1234 Widener Building, Philadelphia 7, Penna.



America's Easiest Range to Keep Clean

Ultramatic

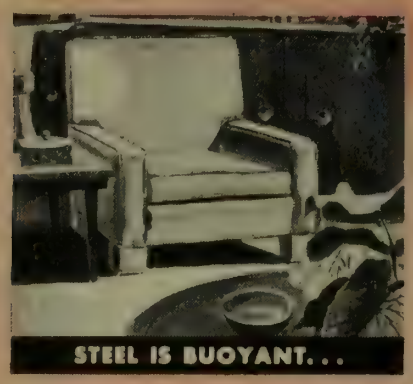
Specially engineered models for use with LP-Gas ("bottled" gas). Every model can include CP features if desired.

CP TRADE MARK · CAUS.

Caloric Automatic Gas Ranges

REG. U. S. PAT. OFF.




STEEL IS BUOYANT...


STEEL IS STRONG...


STEEL IS LONG-WEARING...


STEEL IS RESILIENT...

ANY TIME you see a U·S·S Premier Spring Wire Tag on mattresses, bedsprings or upholstered furniture, you know, *for sure*, that the innersprings they contain are made of quality steel wire. In beds, chairs, sofas and gliders at home, in the seats of railroad cars, busses and airplanes and the berths in Pullman cars, well-made innersprings of Premier Wire are proving every day that the "softest thing you can sleep on . . . or sit on . . . is steel."

This label is your guide to quality steel!



The U·S·S label shown here is one of a family of U·S·S labels. Some say "Stainless Steel" or "Cyclone Fence" or "Vitrenamel"... but all have the big letters U·S·S prominently displayed. Whenever you see these letters U·S·S — the trademark of United States Steel—you know the steel is good.

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UNITED STATES STEEL

Recipes for Dinner in 30 minutes

Begins on page 62

All meals are pictured on page 62

Crown Roast

The crown is loaves of luncheon meat—

- 4 12-ounce cans luncheon meat
- 1 cup orange marmalade
- 8 to 10 medium new potatoes, cooked
- 1 to 2 pounds fresh asparagus, cooked
- 1 No. 2 can pineapple slices

Slice each meat loaf in fourths; slicing three-fourths of the way through; spread each loaf with orange marmalade. Bake in moderate oven (350°) about 30 minutes. Dip potatoes in butter and roll in chopped parsley. Arrange meat loaves in center of chop plate—fill with parsleyed potatoes. Arrange bundles of asparagus topped with Hollandaise Sauce, spoke-fashion at corners, and slices of pineapple topped with strawberries between the bundles. See platter, bottom of page 62. Serves 8.

Quick Mexican Dinner

It won't take you 10 minutes!—

- ¼ cup chopped onion
- 1 tablespoon fat
- 1 16-ounce can tamales
- 1 No. 2 can (2½ cups) chili
- ½ cup grated sharp cheese

Cook onion in hot fat until golden. Remove shucks from tamales. Add tamales and chili to onion. Cover. Heat thoroughly. Arrange in serving dish. Top with additional hot tamales if desired. Sprinkle with grated cheese. See baker, center left of page 62. Serves 4 to 6.

Scrambled Eggs and Sausages

This dish makes supper as fast to get as breakfast—

- 2 8-ounce cans pork sausages
- 8 eggs
- ½ cup milk or cream
- 1 teaspoon salt
- ¼ teaspoon pepper
- 2 tomatoes, quartered

Heat sausages in skillet, remove sausages from skillet. Drain. Reserve 2 to 3 tablespoons liquid. Combine remaining ingredients, beat with fork to blend thoroughly. Pour egg mixture into skillet. Turn heat low—cook 5 to 8 minutes. Serve on hot platter with sausage. Garnish with tomato wedges and parsley. See platter, top left of page 62. Serves 8.

Individual Ham Plate

Ham, potatoes, and peaches are canned. All will be ready in 15 minutes—

- 1 24-ounce can baked ham
- 1 No. 2 can whole sweet potatoes, cut in half
- 4 spiced peach halves
- 2 cups fresh or frozen peas

Slice ham in fourths—arrange in center of oven-proof plate. Arrange sweet potatoes and spiced peach halves. Spread with mixture of ½ cup brown sugar, ½ teaspoon dry mustard and ½ cup peach pickle juice. Broil about 7 minutes; add 2 tablespoons butter; turn and broil 7 minutes. Cook peas. Arrange food on large or individual platters. See page 62. Serve at once. Serves 4.

Eggs in Hash Nest

Turn the oven on for this spee… role. Twenty-five minutes to b…

- 2 12-ounce cans corned beef hash
- 2 tablespo…
- 6 eggs

Cook meat in hot fat, … constantly. Pour into gre… by 10-inch baking dish. M… lows in mixture; slip an e… each; sprinkle with salt and … Bake in moderately slo… (325°) 25 minutes or unt… See baker, top right, p… Serves 6.

Baked Bean and Barbecued Wiener

No seasoning needed. A casser… fast to concoct and bakes only … utes—

- 1 No. 2 can (2½ cups) pork and beans
- 2 14-ounc… wieners … becue s…

Place baked beans in … baking dish; drizzle half of … becue sauce over beans. Cu… wieners in coins and pile i… of baking dish, arrange re… whole wieners around coin… zle over remaining sauce. … moderate oven (350°) ab… minutes or until heated th… ly. See baker, top right, p… Serves 6 to 8.

Hamburger Spaghetti D…

Everything's already cooked … Just put it together and heat … oven or top of range—

- 2 10- to 15-ounce cans hamburger patties
- 2 15- to 1… cans spa… with ton… sauce an… cheese

Turn spaghetti into 1½… casserole. Top with ham… patties. Bake in moderat… (325°) 30 minutes. See ca… right center, page 63. Serves…

Jiggs Dinner

When you're in the mood for cor… and cabbage, you can have it ri… —only 7 minutes' wait—

- 1 medium green head of cabbage, cut in wedges
- 2 12-ounce… corned b… sliced

Cook cabbage in small a… boiling, salted water until … about 7 minutes. Drain. … with butter, salt, and pepp… range cabbage wedges and … corned beef on platter. See … bottom right, page 63. Serv…

BETTER HOMES & GARDENS



"I read an article today called … to tell your children about …



"Take my advice"
said the onion slice
"and you'll choose
the right refrigerator"



Onion-flavored cream? Never! Even "strong" flavors keep to themselves in an Admiral DUAL-TEMP.

Imagine! It's safe to put foods away *uncovered*—thanks to a whole new method of refrigeration that's so advanced there are *no coils to be defrosted!*

Look! It's a double-decker! Yes, it's a 2-in-1 refrigerator, There's a huge *moist-cold* compartment that gives fresh foods the cool, humid air they thrive on—plus a *separate freezing* locker that can quick-freeze foods at 20° below zero and store up to 70 pounds!

Things you never dreamed a refrigerator could do! It even has an ultra-violet Sterilamp that retards mold, controls odors and purifies the air. Separate controls to assure just-right temperatures in both compartments.

But the only way to understand how many ways an Admiral DUAL-TEMP can help with your housekeeping is to look it over—inside and out—at your nearest Admiral Dealer's store.

NBC *TELEVISION: See and hear the "Admiral Broadway Revue," Fridays 8 to 9 EST. All NBC stations.*

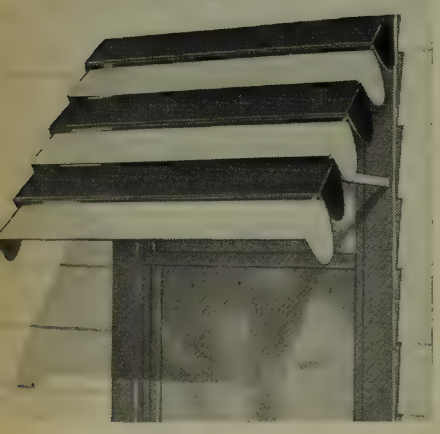
Admiral DUAL-TEMP

—with built-in Freezing Locker

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METAL AWNINGS
any house can afford!



EASY TO INSTALL
PERM-A-VENT

ALL STEEL and only $11.95 for 36" size



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SEE YOUR DEALER

or write direct for illustrated literature, or send $11.95 for postpaid shipment.

YORKLINE, INC. PERM-A-VENT DIVISION UNION CITY, PENNA.

About 2,4-D

Q I'm troubled by weeds growing up in my crushed rock and gravel paths. Is there any easy way to get rid of them? C. K. Y., Montana.



2,4-D is the most effective remedy for most weeds with the exception of grasses. Use a coarse spray as shown, or try a dauber applicator with which you touch weeds you want to kill. Avoid fine spray, which might drift on other plants, and read bottle label to find correct concentration.

Q I've been told that 2,4-D may take a month to kill weeds. Can I tell without waiting if I've missed any weeds? L. J. P., Rhode Island.

Photographs: Stanley



You'll know within a week or less. The above picture of dandelions shows the typical effects of 2,4-D. Stems twist and curl wildly and may split open. Weeds gradually die, although some tough ones need more than one application. Complete kill may take several weeks, but when weeds start acting like these dandelions, it's just a matter of time.



Honor bright!

You can keep your home-loving reputation—and your toilet bowls, too—as bright as ships' brass by using your head instead of your hands. Just sprinkle Sani-Flush into the toilet bowls—and away will go ugly stains and invisible, germy film. This is the quick, easy, sanitary way. Disinfects, too. No work.

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Photographs: George de Gennaro



Braiding rugs can be fun for all the family—it's that simple. Beth Jones leaves her half-finished braided rug on the floor with raw edge tucked in. That way she can work on it any time she has a free evening

Braided rugs you can make

Braiding rugs isn't hard. Beth Jones of Los Angeles has made a lot of them—out of old blankets and dye and heavy twine. Braided rugs are a fine thing under a pine table or in an Early American room. They hug the floor and don't curl or ridge underfoot. And they are the toughest and most usable of all homecraft rugs.

Need a rug? Here's how to make one.

Dye your woolens in a large pan on the stove. Follow directions on the package for dyeing woolens; this usually means boiling and stirring the wool for an hour to make it colorfast. Then hang the wool in the sun to dry.

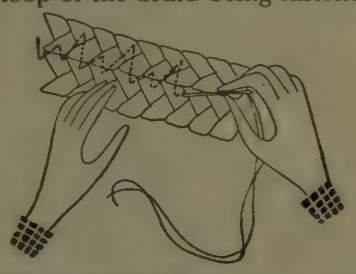
Next, tear the wool into strips



Keep braid strips pulled tight

two inches wide. Fold the edges under and to the middle so they meet in the center. Keep the smooth side of the strip on top of the rug.

Sew the ends of three strips together and braid for a length of several feet. Then wind the braid around and around to form the rug. Fasten one row of braid to another with a large blunt needle threaded with heavy cord or twine. Pass the needle through a loop of the braid on the rug, then through a loop of the braid being fastened,



Fasten braids snug with cord or twine

never skipping a loop. Sometimes you'll need to pass the needle through two loops to allow for the extra length of the new row, so keep the rug flat and check the braids. Otherwise, you'll have a braided basket instead of a rug.

When new strips must be joined to the braid, stitch them on the bias with carpet thread.

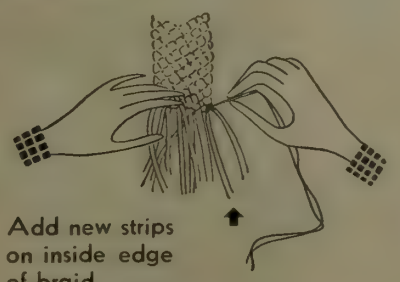
To finish the rug, taper the strips until they make a braid narrow enough to tuck into a loop. Then secure the tuck-in on the underside with carpet thread.



Whirring wheel variation

If you'd like to give your braided rug an unusual look, try this whirring wheel variation. Mrs. Mary Olive Lady, of Upland, California, has been making wheel rugs for over 30 years by using 13 one-inch strips (instead of three) and weaving them together into a firm, wide braid.

Start the center with a regular three-strip braid and braid about one-half yard. Then add two more strips—sewing them to the underside of the braid with carpet thread. Braid another half yard with five strips, then add two more strips. Keep adding two new strips on the inside edge of the braid every half yard until you have 13 strips in the braid.



Add new strips on inside edge of braid

Your braid will be about three yards long when you get all 13 strips added. Continue braiding until your rug is nearly the finished size. Then drop two inside strips, braid for half a yard, drop two more, and so on until you have only a three-strand braid left. Taper the strips until you can tuck the braid into a loop of the rug.

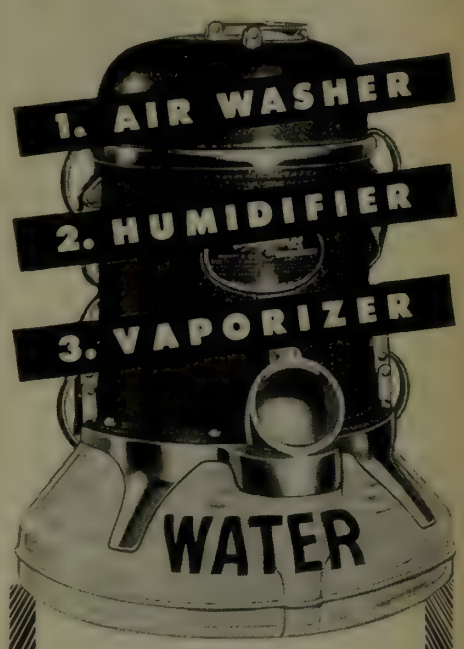
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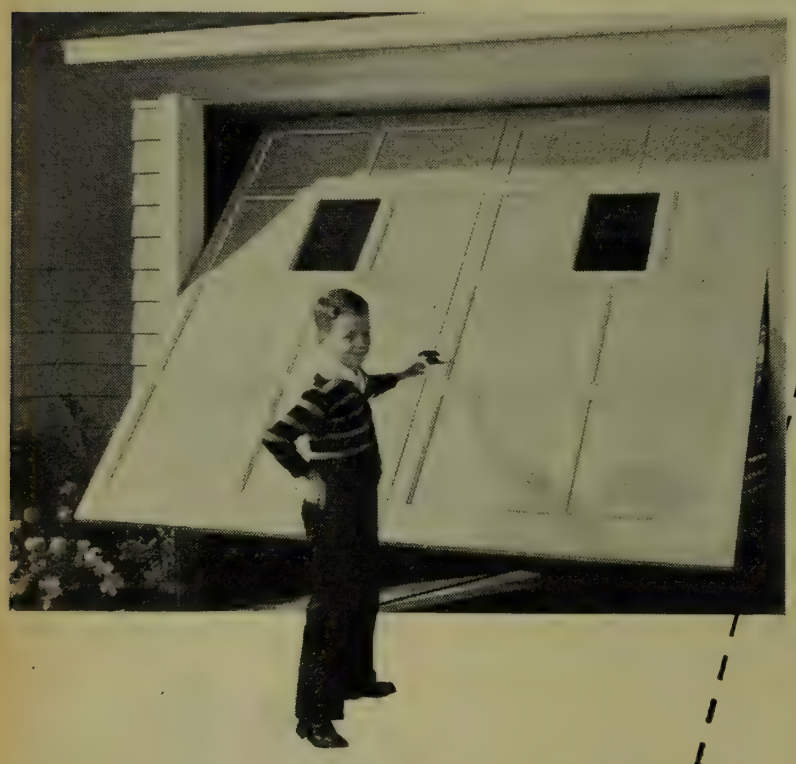
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turn the handle
up goes the door
it's a Curtis OVERMATIC



No more tugging or pulling to open or close a balky garage door . . . no more doors that bang, stick or freeze shut! A turn of the handle sends an Overmatic up and over—a slight pull from either inside or outside closes it. Even an 8-year-old can operate the modern Curtis Overmatic garage door!

Easy to Install in Your Garage!

The Overmatic is quickly installed in a new or old garage—needs no special jambs. Operating hardware is simple—no space-wasting mass of bulky iron. The Overmatic fits an opening 8 x 7 feet—gives ample clearance for any style car.

The door panels in the Overmatic are made of Curtis Prespine—a superior new wood product manufactured exclusively by Curtis. Prespine Panels have the strength to take heavy impact blows . . . won't mar or scratch readily . . . won't splinter or chip. Prespine has superior bending strength, resists warping, shrinking and swelling. And it provides an excellent bond for paint or stain.

With all its advantages, the Overmatic is moderate in price—costs less than you think. See your Curtis Woodwork dealer—or write for literature.



Inside view of Overmatic garage door when it's "up-and-over." Only a small amount of overhead clearance is required—2 inches. Most overhead doors require much greater overhead clearance. Note simplicity of operating hardware. Overmatic can be installed within a few inches of house door in side wall.

1866 CURTIS WOODWORK

Curtis Companies Service Bureau
167 Curtis Building
Clinton, Iowa

I am interested in the Curtis Overmatic garage door. Please send free literature.

Name.....

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City.....*State*.....

Dining chests with built-in tables

You can save dining-room space with a table-chest combination like this. Drawers and shelves inside are fitted to actual linen and china storage needs. And a table large enough to seat four is built in as part of the chest itself. Photographs show how two of these new table-chests would work to save space in your home.



Closed. The dining cabinet-table looks like a simply styled highboy. Spacious drawers in the base hold linens galore. The highboy comes in cherry or mahogany, or antique finish



Open. When the front panel of the chest is let down, the highboy serves as a dining table for four. Behind the table panel are shelves for dishes and glasses, drawers for silver and linen

Where to get it, page 127

Warms ALL the Room & Adjoining Rooms



THIS *FIREPLACE* Circulates Heat

Build a modern Heatilator Fireplace in your new home and enjoy all the beauty of the traditional open hearth plus the heating efficiency of circulated warm air. The Heatilator Fireplace actually draws the cool air from the room, heats it, and returns it to far corners, even into adjoining rooms. It saves the waste of furnace fires on cool spring and fall days. Solves the difficult problem of heating basement rooms. Makes camps livable weeks longer.

Adds Little to Cost

The Heatilator unit is a scientifically designed steel form around which masonry for any style mantel is easily built. Assures correct construction. Eliminates common faults that cause smoking. Saves labor and materials, adding little, if any, to the cost of the fireplace. Proved for 22 years in homes and camps all over America. Accept no substitute—look for the name Heatilator on the dome or damper handle. *Sold by building material dealers everywhere. Write for illustrated folder.*



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APEX MOTH CRYSTALS AND NUGGETS 69c—$1.33

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in its convenient forms, not only *kills* the adult moth but also *kills* larvae . . . *prevents* eggs from hatching . . . therefore it eliminates *all* possibility of moth damage when used as directed. *100% Paradichlorbenzene.*

A CLEAN HOME PRODUCT

Guaranteed by Good Housekeeping

CLEAN HOME PRODUCTS, INC. CHICAGO, ILL.

Dining chests with built-in tables



Partly opened. Top drawer of this trim dinette chest holds table linen. Doors below it swing open to make room for setting up a collapsible table stored inside the chest. Top sham drawers fold down. Plastic top and metal-bound edges are hard to scuff



Closed. Chest is small enough to fit tight quarters. It has white enamel, walnut, or bleached mahogany finish



Fully opened. At dinnertime, the table inside the chest makes eating space for four. Dishes stored in the racks on the swinging doors are held safely, make table setting an easy job

See also page 133

the REMOVABLE WINDOW always OPENS EASILY and is WEATHER-STRIPPED



The *REMOVABLE* Window LIFTS OUT!

Just move the upper sash down, the lower sash up. Press each window to left against spring cushion and REMOVE.

WASH BOTH SIDES *INDOORS!*

For your new home (or to replace present windows that stick and leak), get R·O·W, the modern wood-and-metal REMOVABLE Windows. They cost no more than ordinary good wood windows. At your building materials dealer —or write R·O·W Sales Co., Royal Oak, Mich.

SPRING CUSHION R·O·W Wood WINDOW UNITS

Guaranteed by Good Housekeeping

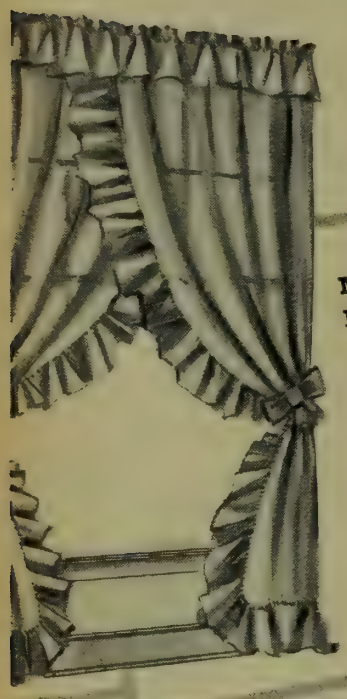
For reviving a room or refreshing a dress...



there's nothing like COLOR

...nothing just like All Purpose

RIT!





Mrs. Hukill* Tinted Her Curtains Sunny Ecru . . . Right in the Washing Machine!

"In Montpelier, where I live, you have to wash curtains so often they get drab in no time," says Mrs. Hukill. "I was always fretting about mine until I discovered I could tint them with All Purpose Rit—right in my washing machine. Rit really put sunshine in my curtains—and tinting them was so easy, I've gone right on 'Ritting' things."

*of Montpelier, Ohio



Wilma Nesbitt* Took an Old Blouse and Dyed it Like New!



"As all my friends in Cambridge Springs can tell you, I've gone to town with All Purpose Rit," says Miss Nesbitt. "I tried Kelly Green Rit on an old blouse and it came out smarter than when it was new. Then I dyed a skirt to match—and I've done sweaters, slacks, scarves. I love using Rit—it's like finding new clothes in your closet."

*of Cambridge Springs, Pennsylvania





Mrs. Dixon's* "Rit Tricks" Please Her Husband, Too!

"Colored shirts were hard to find here in New Orleans and my husband always prefers them," says Mrs. Dixon. "He was amazed at the beautiful results I got when I took several of his faded rayon sport shirts and dyed them with All Purpose Rit. And I'm always tinting slips and blouses with Rit . . . right in the washbowl."

*of New Orleans, Louisiana

25¢ *Same Price in Canada*



TINTS in hot water from the tap

DYES dark colors without boiling

guaranteed . . . the finest dye that money can buy

Guaranteed by Good Housekeeping

All Purpose RIT dyes Nylon, all Rayons, Cotton, Silk, Linen, Wool . . . literally any fabric except glass or mineral fiber!

All Purpose **RIT** FABRIC TINTS & DYES

Rit Products Corporation
1437 W. Morris St., Indianapolis, Ind.

Pictures in a package

By David Flather

Roses on your window shades and lilies in the bathroom and Pennsylvania Dutch hearts on your kitchen cupboards—you can have them all with decals.

Decals—or pictures in a package, as we like to call them—are easy as one-two-three to apply. Moisten them, slide the design face up off the backing paper, smooth them down, and let them dry.

Here are some bright ideas for using floral decals and new Pennsylvania Dutch decals in your home.



Kitchen cabinets needn't be cold white. Try decals on doors and drawers for brightness and color—their reds, yellows, blues, and black blend with any color scheme.



Lamp shades, whether they're made of glass or parchment, can look new again when butterfly and flower decals frolic over them helter-skelter.



Painted furniture makes a perfect background for decals. Those tiny hearts down the side of this chest were cut from wide strips of decorative red tape.

make things brighter



Window shades sprinkled with floral decals and reinforced at the bottom with wide strips of decorative tape give you longer and prettier service



Tin canisters can be decaled to match your newly done kitchen cupboards. Then paint all the canister covers to match the chief color in the decal you choose



Flower paintings are easily made by putting several decals together. (This one was made from five rose decals.) Mount the decals on the front or the outside surface of the glass, and paint the inner surface of the glass black or some other accent color



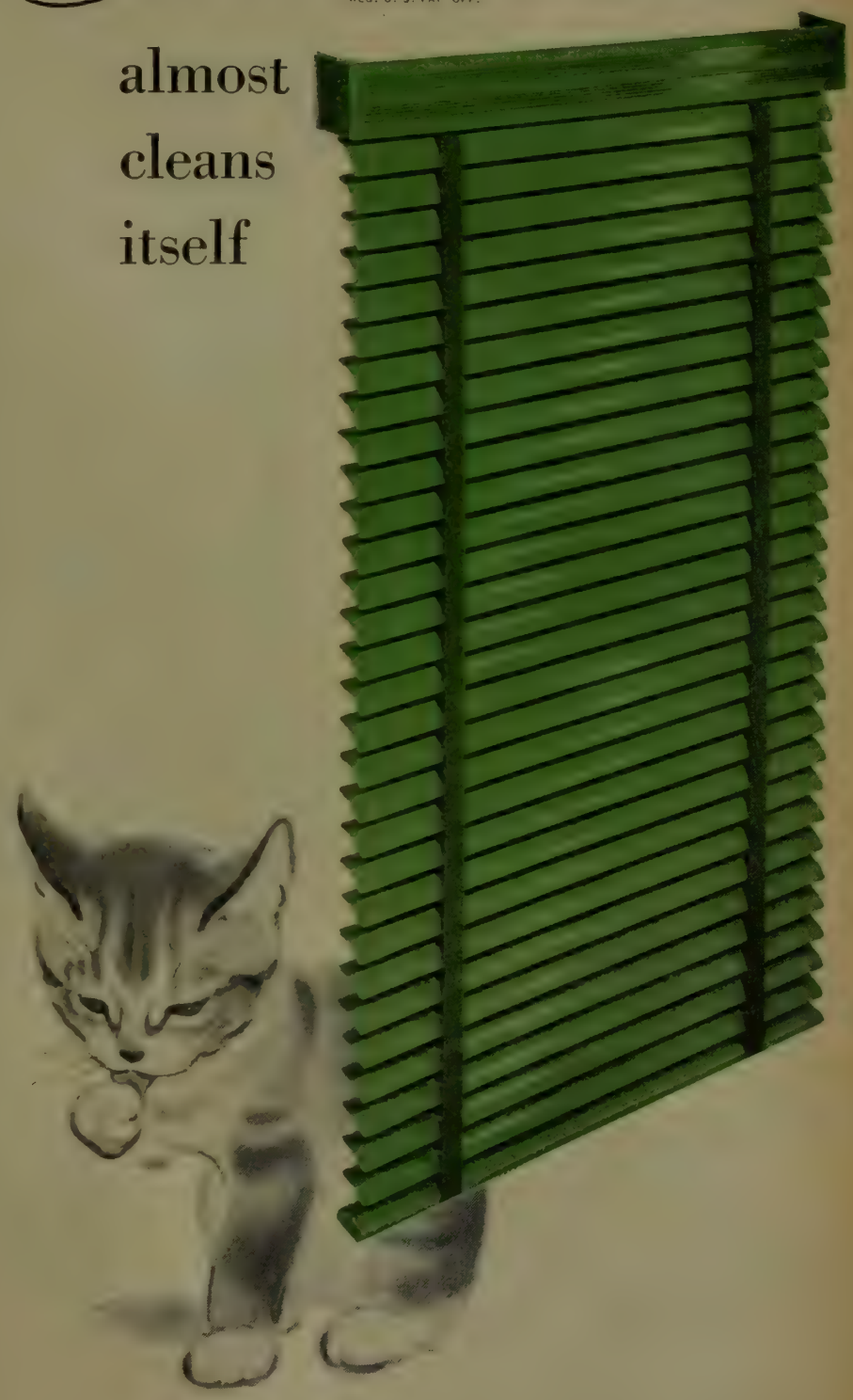
Hatboxes or jewelry cases are fun to decorate with Dutch hearts or those pigeon-like hens. You'll even find special border designs for narrow bands around cover

a venetian blind
made of

Flexalum

REG. U. S. PAT. OFF.

almost
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Cleaner—At last, a venetian blind so smooth it sheds the dirt! Flexalum aluminum makes cleaning quicker, easier...stays clean longer, too.

Longer lasting—Flexalum brings you the most durable venetian blind you ever had! It won't rust, stain, chip or sag.

More beautiful—You have a choice of fourteen fashion-right Flexalum colors, planned to blend perfectly with all your decorating schemes.

That's why—in over 10 million homes—women are using and enjoying venetian blinds of Flexalum!

Custom-made by reputable manufacturers only.

Guaranteed by Good Housekeeping

This identification is on every slat!



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This bedtime story's not for kids!

No dragons or fairy queens in *this* bedtime story.

It's a strictly-for-grownups story that Mrs. Wood Sanford of Homewood, Illinois, was "driven" to write us after she read a recent Pequot Sheet advertisement.

"I think you deserve to hear about my Pequot crib sheets. In and out of the wash continuously, those six sheets lasted through my daughter's crib years. Then straight through her brother's, too."

And Mrs. Sanford mentions another important point to remember when comparing wearing qualities . . . the number of sheets in use:

"The fact that I had only 6, and two of them are still fresh and white and whole, makes my bedtime story even better."

Made for Years of Extra Wear

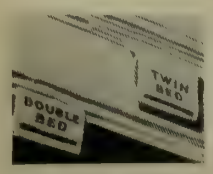
You simply can't beat Pequot high-count, plus-service muslins . . . for crisp, fresh appearance, for smooth, close-woven softness, for year-in, year-out wear that makes them a real value. Pequot plus-service muslins...America's most popular sheets . . . are *made to outwear any other sheet you can buy at any price.*

Pequot Mills, Salem, Massachusetts
Also makers of
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PEQUOT PLUS-SERVICE SHEETS PILLOW CASES

Pronounced 'PEE-K WAT'

so good-looking .... so long-wearing



Projecting size tabs for quick finding on the shelf.



Double-tape selvages to give extra strength.

PEQUOT SHEETS

High-count muslins have the thread count and weight that give the longest service.

New foods

Heat and serve

Mexican dinner comes from Texas complete with preparing directions for authentic south-of-the-border flavor. The makings consist of about 30 tortilla corncakes ready for deep-fat frying, a can of enchilada sauce, and a can of frijole beans with chili sauce.

Codfish cakes are easy to make from canned mixture of flaked codfish, mashed potatoes, and seasonings.

Canned new potatoes are small, whole, peeled white potatoes. Served with a cream sauce, they seem just like creamed new potatoes right out of the garden.

Packaged mixes

Rice pudding is offered by famous maker of other packaged puddings and flavored gelatines. Each package makes enough rice pudding for 4, cooks in 8 to 10 minutes. You need only add milk. Another manufacturer is offering rice pudding in a can ready to serve.

Brownie mixes are newcomers to the mix family. One brownie mix, sold in a 12-ounce box, makes 24 chocolate-flavored fudge cakes. Another brownie mix in a can contains cashew nuts, makes 20 large brownies. All you do is add water to the boxed mix, and water and an egg to the canned mix.

Coffeecake mix is sweet yeast bread easy to make. Mix requires only water, makes two 9-inch cakes or 18 to 24 cinnamon rolls. Allow 2½ hours for mixing, rising, shaping, and baking.

Angel-cake mix comes in can. You add egg whites; cover of can is designed as measure for them. Beat whites till they're stiff, fold mix into them, and add vanilla. Bake about 1 hour in moderate oven.

Frosted-malt mix comes in a can to give you soda-fountain goodness at home. Add hot water to malt mix, freeze in automatic refrigerator tray, and whip with hand or electric beater. You have a rich, thick malted milk.

Instant potato mix gives you 10 servings of fluffy mashed potatoes in one minute! Potatoes are precooked, dried, and granulated. You bring salted water to a boil, remove from heat, add milk and potato powder, and beat. Season with butter and pepper; potatoes are ready.

Potato pancakes are made from a mix perfected by a Czechoslovakian baker. Add water to mix, let stand 5 to 10 minutes so dehydrated potatoes will soften and puff, bake on hot greased griddle.

Flavor tensers

New flavor intensifier is a white powder with no flavor of its own, but it heightens the flavor of the food in which it's mixed. Try it in soups, stews, meats, gravies, and vegetables. Chemically it's monosodium glutamate, but commercially it's sold under a variety of brand names.

Barbecue mix is a blend of spices to make catsup into a barbecue sauce. Use it for basting meats or serve as a sea-food cocktail sauce.

egins on page 9

Canned or frozen foods

Pineapple-grapefruit juice is refreshing combination of mellow and tangy flavors. Not too sweet, not too sour.

Sirloin of salmon is a new sea-food delicacy. The choicest red Alaska Sockeye salmon is selected; the skin and bone are removed. You may chill and serve it right out of the can. Also available without skin and backbone in the same brand is Keta salmon, having a pale pink meat. It's particularly suitable for salads, casseroles, and sandwich spreads.

Fresh-water lake fish is delicately flavored fish from the Great Lakes. It's an inexpensive ingredient for fish salads, croquettes, casseroles, and sandwich spreads.

Frozen variety meats of 10 kinds are offered by one leading meat packer. Included in the line are veal, beef, or lamb liver; liver and bacon; oxtail joints; lamb hearts; sweetbreads; pork tenderloin, pork patties, or pork cutlets.

Snacks, treats

Toasted coconut chips are crisp, nutty tidbits perfect to serve as accompaniment to cool beverages. The coconut is thinly sliced, toasted, salted, and sealed in a vacuum can.

Midget wieners, with barbecue sauce in a plastic sack, come packed in a 9-ounce can. The tiny chubby wieners (18 to 23 to a can) and snappy sauce make popular snack food. Serve hot or cold on your appetizer tray.

Onion puffs are a new flavor in the puff line. Other kinds are cheese, tomato, or potato puffs. They start out as little quarter-size dehydrated discs. You drop them into deep hot fat. The chips puff up five times their original size into large tender curls that are crisp and crunchy.

Sundae toppers in eight varieties are distributed by one firm, to give you the makings of a soda-fountain sundae assortment. The choice is chocolate fudge, crushed cherries or strawberries, butterscotch, pineapple, raspberry Melba, pecans or walnuts in syrup. New topper and flavoring made by another firm is date syrup.

Plastic containers

Olives in plastic sacks are handy for putting in picnic lunches and for carrying to an outdoor eating spot. Brine keeps olives moist and fresh until bag is punctured.

Plastic containers are being used more and more to house fruits and vegetables, to keep them garden fresh. Oranges marketed in plastic bags were found to lose only 1 to 4 percent weight over a 20-day shelf period, in contrast to 15 to 25 percent unprotected.

Plastic-wrapped crackers offer meal-size units. One-pound box divided by one distributor into four ¼-pound units, individually wrapped in moistureproof cellophane.



THINK of it . . . a new 1949 model, double-wall, bowl-tub Speed Queen Washer capable of zipping through 7 to 10 loads of washing in an hour with *one fill* of hot water . . . PLUS the new, fully automatic, cabinet type Speed Queen Whizz-Iron . . . BOTH FOR LESS THAN MANY WASHERS COST *ALONE!!* Here, truly, is a BARGAIN . . . a money-saving value suggestive of pre-war days. See your Speed Queen dealer, or write factory for the booklet "Answers to Your Home Laundry Problems."

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Enjoy easier living, speedier housework with the ORIGINAL Home Water Softener

Delightful Bathing — Soapy-rich Permutit soft water suds leave skin soft, smooth, clean! Wonderful for shampoos, too! No more tub rings!





Dishes Sparkle when washed in Permutit soft water! They dry without wiping. You're through in half the time!

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Permutit stops fuel-wasting scale in pipes and heating system, cuts plumbing repair bills. Your washables last longer. You save up to 80% on soap.

Permutit gives you the *most* for your money! 35 years of know-how insure long life and trouble-free automatic operation. Enjoy soft water's benefits the *easy* Permutit way!

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☐ Please arrange for free home demonstration and water analysis.
☐ Please send me free descriptive booklet about water softening.

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CITY.....
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SOME DESIRABLE FRANCHISES AVAILABLE

You can have too much sunshine

Your home needs light, but it must be controlled

By William Hempel



This is the way our house looked back in 1946 when Better Homes & Gardens published a story about it. Windows at the right let the California sun flood the living room; overhang protects dining-room windows and entry

"In California, so the travel folders say, the sun appears on 355 days each year. . . . That sun, and the climate which it governs, determined the design which Architect William Hempel created for his home at Menlo Park, south of San Francisco."

That's the way the story of my home began when it appeared in *Better Homes & Gardens* in February, 1946. But the story didn't end there.

For we found that you can have too much sun, too much light, and too much glare, especially late in the afternoon.

Our solution was to build a trellis above all windows on the west that didn't have enough overhang to protect them. This egg-crate trellis serves three purposes: It keeps the low rays of the sun off the windows without cutting out view or light; it gives colorful vines a place to grow; and it extends the long horizontal line of the living-room roof.

Now we're equipped for sunshiny days, as well as the 10 rainy ones.

Photographs: Sturtevant



We found we needed the overhang along the entire wall. Today we have an egg-crate trellis projecting out above the windows to give protection from the sun's glare in late afternoon. The trellis also supports colorful vines



For Character and Economy build with Concrete

YOU'LL be proud of the new house you're planning—and save money in the long run—if you build it with concrete masonry walls, concrete subfloors and a firesafe roof.

Concrete lends character to any house because walls can be finished in a wide variety of attractive patterns. And they can be left natural, painted any color or stuccoed, as you desire.

Concrete stretches your housing dollars, too, because a concrete masonry house is:

1. **ECONOMICAL TO BUILD.** Concrete's first cost is moderate compared with other construction of the same style, size or floor plan.
2. **ECONOMICAL TO MAINTAIN.** Concrete, being sturdy, stormproof, firesafe and termite-proof, requires less upkeep and needs fewer repairs.
3. **ECONOMICAL TO HEAT.** A concrete masonry house with normal insulation is snug, warm and weathertight in winter. Fuel bills stay low. In summer, on the other hand, the house is cool and dry. You'll enjoy comfortable living in your concrete masonry house the year around.

Then, too, concrete construction lasts longer so you see why a concrete masonry house is economical to own. Look at it in simple arithmetic: Moderate first cost + small maintenance expense ÷ long life = ***low-annual-cost*** shelter. Yes, it costs less to live in a concrete house!

If you'd like more information about concrete houses, write for a free, illustrated booklet, "*Why People Like Concrete Homes.*" It pictures houses of many different styles and sizes. Distributed only in the United States and Canada.

HOW TO GET A CONCRETE HOUSE

. . . and what will it cost?

Phone a local concrete masonry manufacturer for names of architects and builders experienced in concrete house construction. They know conditions in your community and can tell you about plans and costs.

Take any plans or sketches you have to an architect. Have him show you how your home—of any size, style or floor plan—can be economically built with concrete walls, subfloors and a firesafe roof.

Architect-Designed Houses Stay Young Longer

PORTLAND CEMENT ASSOCIATION

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A national organization to improve and extend the uses of portland cement and concrete through scientific research and engineering field work

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Look forward to the finest cooking *ever* with a new Gas range built to "CP" standards!



New freedom is yours! Clock control turns Gas on and off...cooks entire meals *automatically!*



New success in baking! Air-circulated Gas oven bakes with the same exact heat on every level!



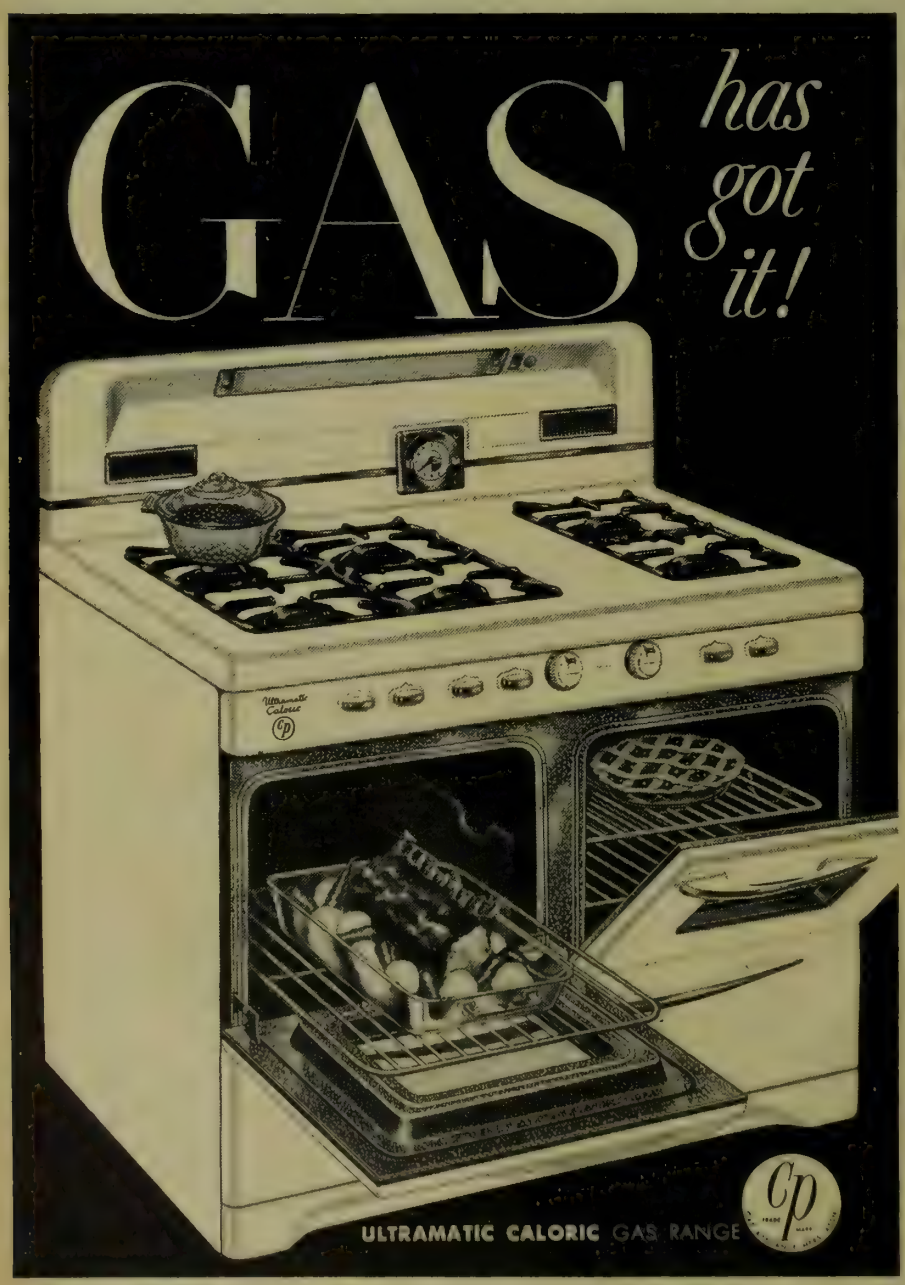
New automatic speed! Top burners, oven, broiler *all* light to full heat—without matches!



New cleanliness! Non-clog burners! Smokeless broiling! New type oven and broiler vents!



New coolness! No waste heat—Gas shuts off *instantly*. Whole range is extra-insulated *all over!*



Every day more Americans are enjoying the unparalleled ease of cooking on new Gas ranges! Join them by choosing this CALORIC "CP" Gas range or any of the other performance-tested Gas ranges built to "CP" standards. Look for your favorite "make" at your Gas company or appliance store. And don't miss the new silent Servel Gas refrigerator. It's another *must* in your "New Freedom Gas Kitchen!"*

AMERICAN GAS ASSOCIATION

*CERT. MARK, AM. R. GAS ASSOC., INC.

TIME-SAVING MAIN DISHES

With only a single

These five delicious main dishes are ready f your table in less than 45 minutes after you put o your apron. Each is made with a can of soup. Th rich, hearty flavor is yours with the twist of a ca opener. The photographs and recipes, below, sho you how to make the five dishes.

Recipes on page 2

Spring Chicken Pie



You start with a can of cream of mushroom soup, then add cubes tender chicken, cooked carrots and peas. Top is flaky biscuit circle Bake in the oven till the top is crusty golden brown, soup is bubb

Tuna-Celery Bake

Photographs: Photography, In



Celery soup is the surprise flavor. Crusty cheese top covers layer of tuna and noodles. Garnish with parsley and stuffed olive slice

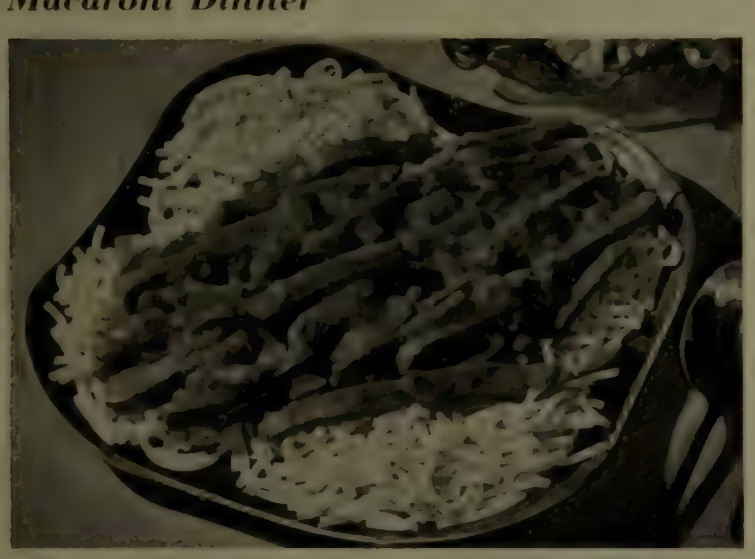
can of soup

Southern Burgers



Ground beef and chopped onion simmer in chicken gumbo soup, come to the table between sliced hot buns. Top with an onion slice. Pass with a bowl of icy-cold radish roses, carrot and celery strips when the gang drops in or for an informal Saturday night supper

Macaroni Dinner



Sauce is tomato soup, chopped celery, and luncheon meat strips with a subtle touch of onion and garlic. Pour over a platter of macaroni. Sprinkle with grated Parmesan cheese if you wish

Quick Vichyssoise Soup



Quick Vichyssoise begins with a can of cream of chicken soup. You add sieved potatoes, onion, and leeks. Serve hot or cold

perfect for giving . . .

and for daily living

Wilbarry

lace dinner cloths



So luxurious looking they're perfect for the most formal party table . . . yet perfectly practical for every day! These lovely lace cloths take plenty of hard wear because they're woven with tied-in-place threads. And they couldn't be easier to care for! Shed wrinkles . . . stay fresh-looking longer . . . spot-clean and launder like a dream. You'll find exquisite designs to please every taste at your favorite store.



For "Pretty Party Tables"—the colorful 24-page idea booklet containing 19 regional recipes, 19 suggestions for regional flower arrangements—send 25¢ to

THE WILKES-BARRE LACE MFG. CO.

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Makers of Wilbarry Lace Net Curtains



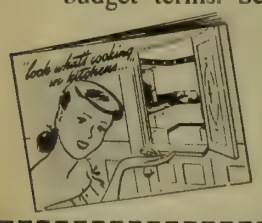
...with a *Kitchen-Kraft*

KUSTOMIZED STEEL KITCHEN

In thousands of homes throughout the country—in cities, on farms, in castles and cottages—Kustomized Kitchen-Kraft steel kitchens are converting old wayward kitchens into modern, efficient "work centers," bringing lifelong service and pleasure to their new owners. More than 100 individual stock items comprise the Kitchen-Kraft line and complete ensembles of sink, floor, wall and broom cabinets will equip any kitchen, large or small, old or new. Continuous one-piece Kustomized counter tops eliminate gaps between floor cabinets and provide all the advantages of a compact "custom kitchen" at production-line prices.

You'll love the easy-to-clean refrigerator finish that defies wear, quiet roller drawers, adjustable shelves, sound deadened doors, rubber bumpers that prevent metal to metal contact, stainless steel trim, chrome plated hardware, and dozens more of these little differences that make the big differences in kitchens. Moderately priced, a Kitchen-Kraft kitchen is within the reach of everyone planning to build or remodel. It may be purchased complete or a unit at a time on easy budget terms. See your Kitchen-Kraft dealer.

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ILLUSTRATED KITCHEN PLANNING BOOK: To help you plan your next kitchen, send for Kitchen-Kraft's beautifully illustrated booklet, "Look What's Cooking In Kitchens." It tells how to plan and modernize any type of kitchen. Included is a novel color selector to help you choose the color scheme. Mail the coupon today!

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Gentlemen: Please mail me my copy of "LOOK WHAT'S COOKING IN KITCHENS." Enclosed is 25c to cover handling costs.

I plan to build ☐
I plan to remodel ☐

NAME_____
ADDRESS_____
CITY_____ ZONE___ STATE_____

Plan a handier, handsomer

Hobby cabine

By Dorothy Killam

Whatever your hobby, a planned cabinet will he keep your equipment in order. Partitions that are d signed to fit your exact needs will store your suppli efficiently. And a well-planned exterior will make yo cabinet fit into any room. As an example, here's movie equipment cabinet that Harold D. Dolling Long Beach, California, built from plywood. Mr. Dollinger keeps his cabinet in his living room. Compartmer inside the cabinet are planned for filters, cameras, bull reels, tripods, and so on. Here's how the Dollinger cabi works. Can you borrow any of his ideas?



Exterior of the plywood cabinet was planned to go in the living room. Mr. Dollinger bleached top and sides of the cabinet; then he stained the doors a darker color for contrast. Molding around the edges gives the cabinet a finished look

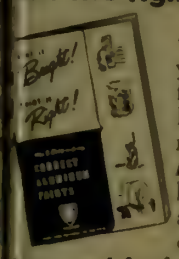
Photographs: George de Genn



Interior of cabinet shows planning that gives every piece of phot graphic equipment its place. Small drawers and cubbyholes ho lenses, filters, light meters. Partitioned pull-out tray contains mov reels. Long center shelf is double so the top board can be taken o and used as a base for editing movie film. Camera tripod fits in the lo bottom compartment. Even flash bulbs have a special nook (rig



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ALCOA

Look for this shield on aluminum paints made by many paint manufacturers using

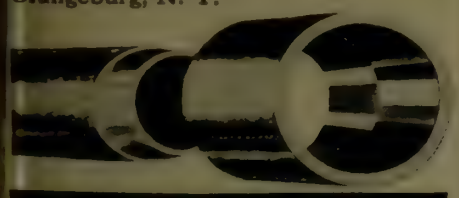
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ORANGEBURG

THE ROOT-PROOF PIPE

Federal housing aid? No

Begins on page 16

housing system has failed and sell you on government ownership of your home.

Those who favor socialized housing got their program started in 1937 with the passage of the United States Housing Act. This act created a United States Public Housing Authority, (now called the Federal Public Housing Authority) and authorized $1,600,000,000 for the financing by the federal government of so-called low-rent housing projects (owned by state or local governments) for low-income families.

The act was supposed to aid national recovery by creating employment and to clear and rebuild slum areas. The housing socialists have lobbied in each succeeding Congress for more government-owned housing. But where do they propose to stop? Some 203,000 dwelling units, whose building was subsidized by the act of 1937, are government-owned and operated today. In addition, 538,000 units of "temporary" housing are government-owned and operated. Philip Klutznick, former head of F.P.H.A., said in effect that because 38 percent of the families of this country could not afford to buy new homes, the government would have to provide them with public housing. That would mean 15 million government-owned homes. Fortunately, both the Seventy-ninth Congress, controlled by the Democrats, and the Eightieth Congress, controlled by the Republicans, refused to start us down the road to housing socialism.

Let's look at what has happened to the government-owned housing built so far.

The facts are not easy to gather because of F.P.H.A.'s inefficient, confused, and inadequate records. The General Accounting Office found them so jumbled and inaccurate that it couldn't audit them.

However, if we analyze the reports of local housing authorities we discover some interesting and pertinent facts. The basic arguments for socialized housing are (1) it houses the poor, (2) it clears the slums. The facts reveal that it does neither. The records of the housing authority of one large city which owns and operates 5,077 units of permanent public housing show that less than 10 percent of the families occupying these government-owned houses are eligible for public assistance. Senator Joseph McCarthy, of Wisconsin, who headed the Joint Congressional Committee on Housing, said:

"In no area which our committee visited did we ever find more than 4, 5, or 6 percent of the welfare group in public housing."

Nor do most government-owned houses offer lower rents than privately owned ones, despite the fact that they were subsidized for that purpose. The Detroit Board of Com-

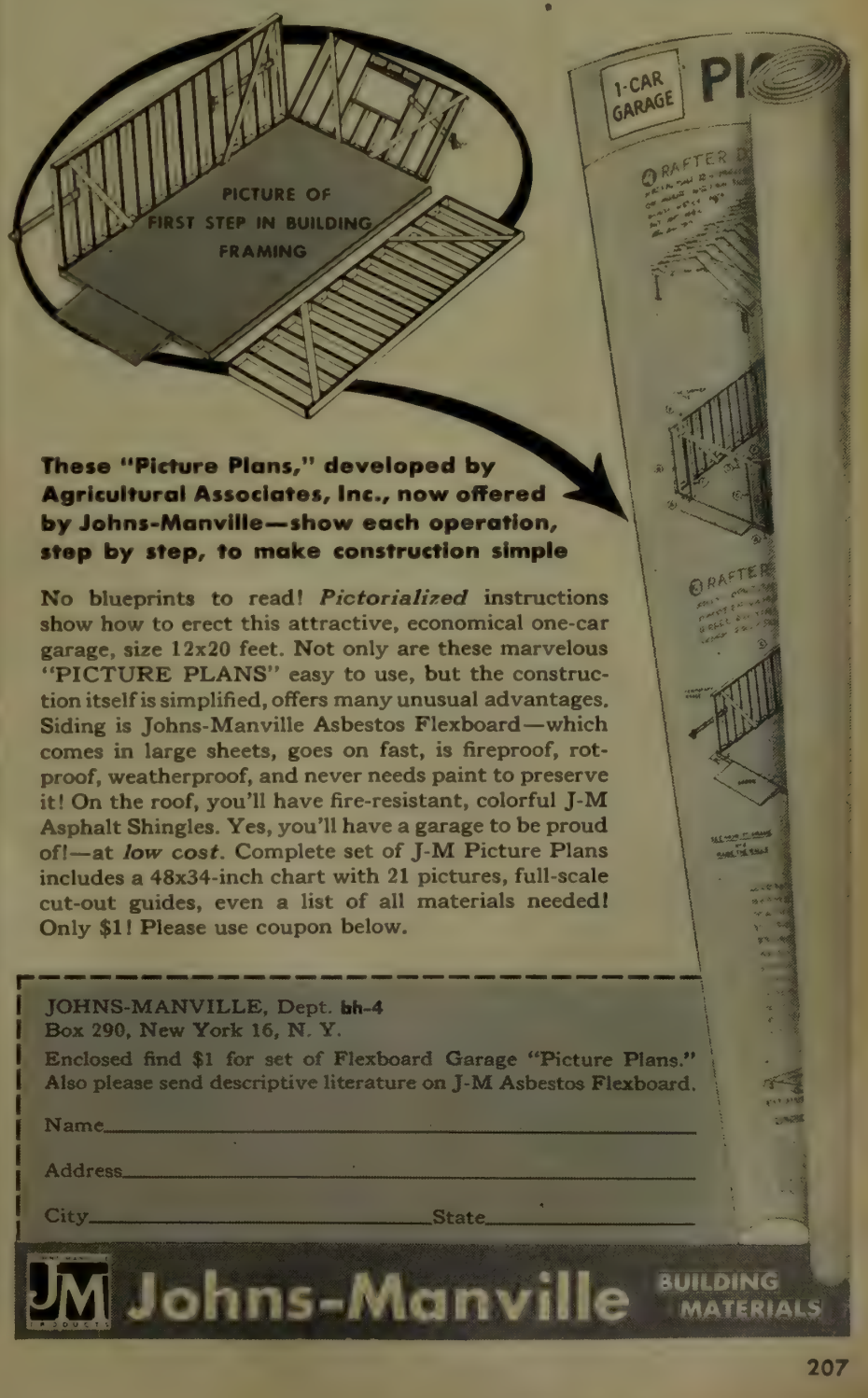


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These "Picture Plans," developed by Agricultural Associates, Inc., now offered by Johns-Manville—show each operation, step by step, to make construction simple

No blueprints to read! *Pictorialized* instructions show how to erect this attractive, economical one-car garage, size 12x20 feet. Not only are these marvelous "PICTURE PLANS" easy to use, but the construction itself is simplified, offers many unusual advantages. Siding is Johns-Manville Asbestos Flexboard—which comes in large sheets, goes on fast, is fireproof, rot-proof, weatherproof, and never needs paint to preserve it! On the roof, you'll have fire-resistant, colorful J-M Asphalt Shingles. Yes, you'll have a garage to be proud of!—at *low cost*. Complete set of J-M Picture Plans includes a 48x34-inch chart with 21 pictures, full-scale cut-out guides, even a list of all materials needed! Only $1! Please use coupon below.

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Box 290, New York 16, N. Y.

Enclosed find $1 for set of Flexboard Garage "Picture Plans." Also please send descriptive literature on J-M Asbestos Flexboard.

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Cars painted over 2 years ago still reflect marvelous color brilliance and gloss... proving laboratory tests which give Pad-O'-Paint highest rating.

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Amateur painters do professional-looking work. Friends cheer, owners beam at results. Thousands have done it. So can you.



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A 4-page, illustrated reprint of a national magazine article featuring Pad-O'-Paint will be sent upon request. Write The Arco Company, 7301 Bessemer Avenue, Cleveland 4, Ohio.

Federal housing aid? No

Continued from preceding page

merce reports that the median rent paid by tenants of government-owned houses in Detroit is $45 per month; the median for all private rental accommodations is only $38. Moreover, reports by the Bureau of Labor Statistics show that while rents for privately owned rental units—held down by rent control—have increased only 16 percent since 1940, government housing rents have jumped 69 percent.

But the fact that government housing rents are higher is all the more amazing when you take into account the huge subsidy, both direct and hidden, which government projects receive. The subsidy is accomplished in three ways—all cleverly concealed.

First the government makes a loan to the local housing authority, at low interest, to finance the project. Then to the local authority it gives a direct annual grant equal to about 3 percent of the construction cost. And it agrees to continue that grant for 60 years—making the total subsidy 180 percent.

Second, a further subsidy is provided in the form of exemption from most local real-estate taxes. The remaining taxpayers who own their own homes have to pay higher taxes to offset this dent in municipal revenue.

Third, the income from bonds issued to finance these socialized housing projects are exempt from federal income tax. Another loss of revenue to be made up by other income-tax payers.

It is also claimed that government housing eliminates slums. Even if *every* government housing project were to build on the site of a slum, few slums would be eliminated. The government housers attempt to cure a disease by treating a symptom—poor housing. Dr. Norman E. Clarke, a physician who worked in slum-area clinics for 12 years, has this to say:

"The slum should not be looked upon as a physical condition which money will eradicate. It is lack of character or mentality in people, and not poor housing, that makes poverty and makes slums. A change in quality of housing given largely gratuitously will not change the human nature of slum dwellers. The only justifiable excuse for spending public funds on slum clearance is to improve public health with a slight hope of elevating some of the dwellers or their children.

"The housing projects built by the government show slight recognition of this basic problem. Reports show that the same vicious habits and human weaknesses persist in these new areas. Whether the projects have minimized the public health risks is open to question and certainly they have done little or nothing to improve the moral character of this or succeeding generations."



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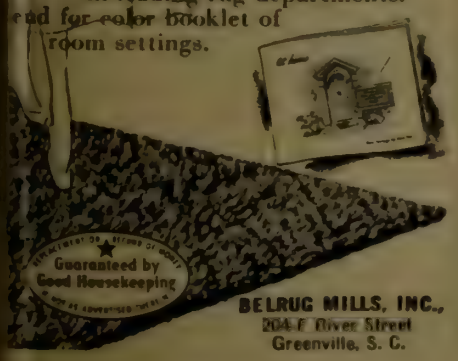
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If socialized housing *is* the answer to the slum problem, why is it that some government-owned projects, after a short time, have *become* slums? A good example is Willow Run Village. This large government-built project having a population of 11,000 is exclusively owned and operated by the federal government. The Rev. Robert O. Boetiger, former army chaplain who became pastor of Christ Lutheran Church at Willow Run a little over two years ago, said in a public statement, "It is becoming a poison village . . . of broken homes, illegitimacy, truancy, desertion."

Reverend Boetiger talked about the village as quietly as a doctor discussing a sick patient. He cited cases and figures to back up his charges that his community has social poison in its veins. He quoted a report by two social workers, Arne Erickson and Alberta Sorenson, which cited a long list of family fights serious enough to bring the police.

"Juvenile delinquency, in the project, is rising," says Reverend Boetiger. During summer vacation, $3,000 worth of windows were smashed in three schoolhouses.

He adds: "Mrs. Edna MacFarlan, visiting teacher for the Willow Run school district, has 80 children on her case load. Of them, 21 are from broken homes, six the result of desertion, three are illegitimate, and we know of others.

"We have problems of common law 'marriage', social disease, and families where wife beating is the rule, not the exception."

Housing will not answer the problem of the slum. Only recognition of unpleasant reality will meet this issue. But it is much easier to subsidize government housing and shout about the defects of the capitalistic system. It is much easier to lay the blame on Wall Street than to lay the blame where it belongs—on the apathetic, lazy-minded, fact-dodging American people. We prefer to dodge real issues. So we take the easy way out. We let misguided reformers and cold-blooded, self-seeking persons persuade us that the whole thing is very simple: Just provide government housing and the slum will disappear. Will adequate housing provide the answer to the wife beater, the child torturer, or the irresponsible drunkard? Or will the subsidy he receives in government housing merely aid him in financing more misconduct? We can afford billions for a program which will really eliminate and prevent

[*Turn to page 215*



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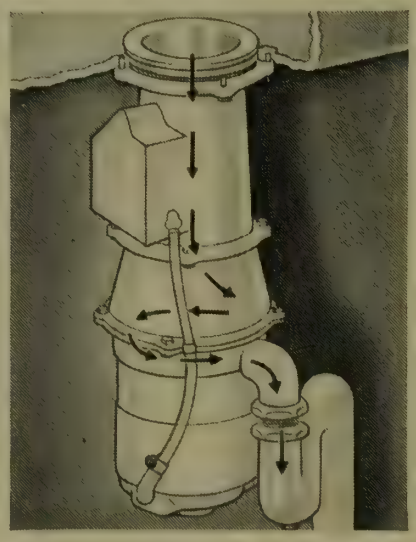
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3 Here's how the Disposall looks and performs. Arrows show how waste is carried down the drain.

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- Full year warranty
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How to color concrete

Cleaning →

Begin by removing grease and soap spots so dye, stain, or paint can take hold. Place sawdust or fine shavings on spots, and soak with lye solution. Wear rubber gloves. Brush away sawdust a day later and scrape the spot clean. For general cleaning, scrub the surface with trisodium phosphate solution. Use a stiff brush, rubber gloves.



Lye-soaked sawdust loosens grea

Etching →

Remove slick finish of troweled concrete by etching with muriatic acid. Use enamelware pan to hold acid, a long-handled scrubbing brush for the application. Wear goggles, rubber gloves, rubber boots. When every part of the concrete has a slight roughness, hose it down or mop it with plenty of clean water. Let surface dry thoroughly.



Muriatic acid roughens smooth surfac

Coloring →

If you use dye, scrub it on with long-handled brush. When the dye dries, finish it with the surface dressing supplied with the dye. If you use stain, brush foaming areas gently until foaming ends. Apply second coat a day later. The third coat is a dressing that goes on with a cloth. If you use paint, simply brush it on surface the usual way.



Dye is scrubbed in with a stiff brus

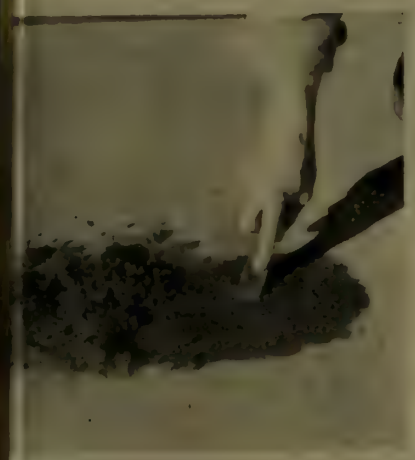
Bringing color to your concrete floor, walk, or terrac isn't the easiest job in the world. But thanks to new de velopments in paints, stains, and dyes, it is easier than i used to be and the results are far better.

Coloring concrete is harder on your muscles than o your pocketbook; there are few other jobs that will do a much to brighten your house with the expenditure of s few dollars.

There are five basic types of products available fo the job—dye, stain, rubber-base paint, oil-base paint and liquid linoleum. The main steps in using these prod ucts are shown in the photographs; variations in proce dure for each product are described in detail in the text

surfaces

By D. Hough



A day later, grease is scraped away



Trisodium phosphate finishes cleaning

Photographs Jan Anker



Thorough rinsing with garden hose leaves concrete ready for color application



Foaming stain is brushed out gently



Liquid linoleum fills irregularities

Concrete dye

A concrete dye does not merely coat the surface; it penetrates well into the material and cannot wear off. This is a great advantage, but it also means the work must be done exactly right. You should apply dye only to concrete that is thoroughly clean and acid-etched to permit dye to penetrate deeply.

Cleaning is the first job; you must remove all oil, grease, soap, and paint.

If the floor has not been painted, the job is relatively simple. Begin by scraping grease spots, then cover them with a layer of sawdust and soak the sawdust with a

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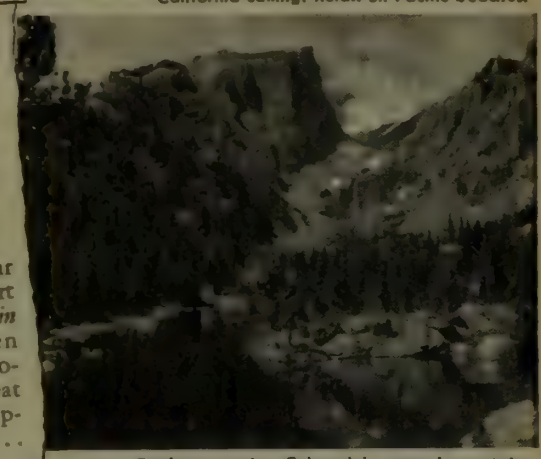


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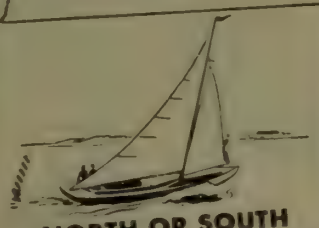


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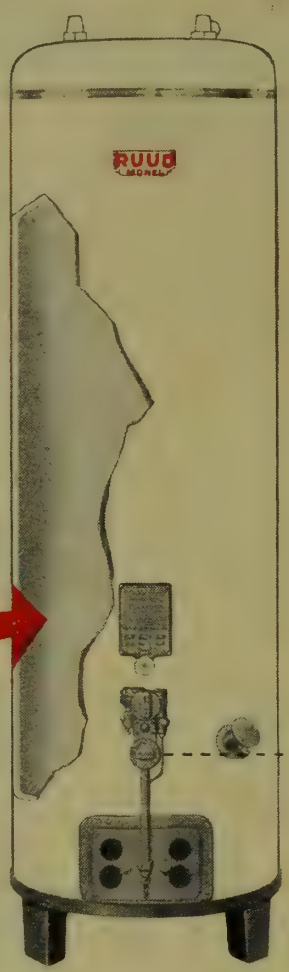


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RUUD *Manufacturing Company, Pittsburgh 1, Pa.*

How to color concrete surfaces

Begins on page 210

solution of one pound of lye to a gallon of water. *Dissolve lye slowly and carefully so it won't splatter on you, and wear rubber gloves and goggles.* Leave soaked sawdust overnight, then scrape it off. If necessary, repeat until oil or grease is gone.

In a basement or laundry, you're likely to find that concrete near tubs is coated with soap. Check by dripping water on suspected areas to see if it is repelled, as it will be by soapy concrete. The same lye and sawdust treatment will remove soap.

For general cleaning, scrub the floor with a solution of trisodium phosphate, dissolving one pound of the chemical in a gallon of warm water. Use a stiff scrubbing brush, and rinse with clear water.

Old paint is tough to remove, but lye treatment will work. Pour solution over painted concrete, let it stand for an hour, scrub the surface with a stiff brush, and flush the lye off with water. Then the paint should scrape off fairly easily. If your paint is stubborn, try lye and sawdust overnight.

You can also remove paint with a rented floor-sanding machine. Use only open-coat silicon carbide sandpaper. Floors having several coats of old paint call for No. 4-16 sandpaper; others, No. 3½-20.

The floor sander won't work closer to walls than about four inches. Do the edges with an edger or disc sander, or remove those small stretches of paint with lye.

Acid etching is the second step. It removes the slick surface that troweling puts on concrete.

Buy one gallon of commercial muriatic acid for each 150 to 200 square feet of floor. Dilute each gallon of acid with two gallons of water, in an enamelware or wooden bucket or a granite crock.

Put on rubber gloves, rubber overshoes, and goggles. Then slosh the diluted acid on the floor and brush it out with a long-handled scrubbing brush.

The acid will fizz on the concrete. It should; that shows it's working. Don't try to spread the acid too thin; work it well into the surface with the brush. Under a good light, examine the floor for slick spots not properly etched. Scrub more acid into them.

You want a uniform, slight roughness. To get it, two applications of acid are usually required. If there are still hard, slick spots, give them local treatment with a stronger acid mixture—one part acid to one part water.

After each acid cleaning, hose the floor with plenty of clean water. Let the floor dry completely before going on with the next step, the application of dye. It isn't enough for the concrete to be surface-dry; it must be dry all the way through. A warm basement floor in winter will usually dry in about a week. In summer, it may take two weeks even with windows open and an electric fan or two helping.



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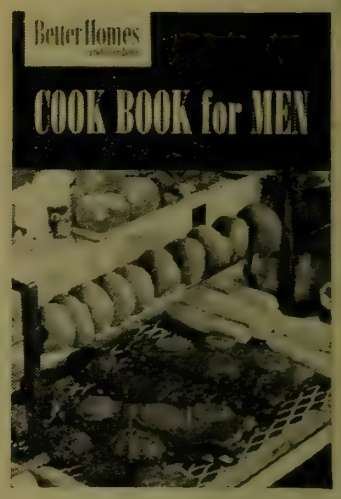
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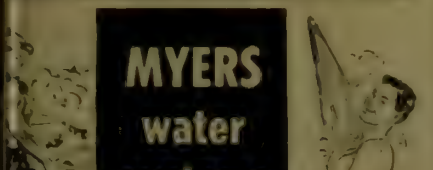
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Dye application. Now you come to the easiest part of the job.

You'll need a gallon of dye for each 150 to 200 square feet. Keep the dye stirred. Use a flat-bottomed pan and apply dye with your long-handled scrubbing brush.

Keep going for about 20 minutes, when the first part of the floor will get a dull, even tone. Then go over the same area again, scrubbing in more dye—a process called "fixing." Some light spots may be showing; they need more dye. Scrub dye off glossy spots and onto light ones.

When you have treated the entire floor, leave it overnight. Then examine it in a good light. Any glossy spots should be rubbed vigorously to remove excess dye. Now let the floor dry completely. This may take only a day or two for an outdoor terrace, as much as a week in a damp basement.

Dressing, sold with the dye, is applied when the floor is dry and swept clean of dust and grit.

If you use a self-polishing dressing, just brush on a full, wet coat with an ordinary paintbrush and keep people from walking on it until the next day.

Standard dressing is scrubbed on with a long-handled scrubbing brush. When dry, from one hour to half a day later, polish it with the same brush. If the brush seems to stick to the surface, let the dressing dry longer.

One gallon of the no-buff dressing will cover about 400 square feet. The standard kind goes on thinner, covers twice as much.

Maintenance. A dyed floor is easy to keep up. The usual treatment is an occasional dry mopping or a few strokes with a push broom.

If the floor is used a lot, the dressing will begin to wear off after a few months. With standard dressing, simply put more dressing on worn spots, let dry, then buff. With no-buff dressing, remove any oily film with naphtha or turpentine, put dressing on worn spots and let dry, then coat the surface again.

Concrete stain

Staining is a relatively simple operation. It will give even results on a floor with a uniform surface. Be sure you are using a concrete stain; wood stains are not the same thing. Concrete stains should not be applied to new concrete until it has stood at least six or eight weeks to cure adequately.

Stains penetrate the surface and stand wear and sunlight well. Colors available include gray, green, brown, red, and blue.

Cleaning comes first. Use a trisodium phosphate solution plus lye where necessary.

Staining is a three-coat process if you use one of the special concrete stains recently put on the market.

Brush stain on quickly. It will foam. Brush gently over the foaming area until the foaming ends, then leave it alone. Work for a wet edge, as in painting, to avoid lap marks. If puddles form in uneven places, go back and brush out the whole area. [*Turn to next page*

Tape it easy.... by L. Cuss



"Now let's see you kick the covers off, Glamour Boy!"

HOW EXTRA ROLLS OF THIS THRIFTY TAPE

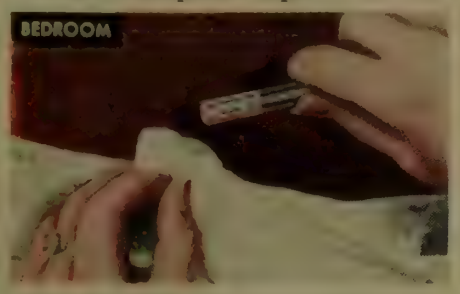
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"Don't worry, dear. *Our* next meal is in the refrigerator."

"I wasn't thinking of the very next meal, Betty. But how about next month—or next year—or the years to come, if I'm not around any more?"

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STATE ..... OCCUPATION .....



VETERANS: KEEP YOUR "G. I." LIFE INSURANCE!

How to color concrete surfaces

Continued from preceding page

Let the first coat stand until dry; eight hours should be plenty. Put on a second coat the same way.

When this is dry, mop the whole surface with clean water and hose it off to remove residue.

Spread on the final finish coat with a soft cloth. It comes in a separate container and is sold with the stain. It completes the staining and protects the surface.

Rubber-base paint

Paints made with a chlorinated-rubber base are quite new.

They were developed because oil-base paints are not always reliable on concrete.

Use of a rubber-base paint gets around this problem. Rubber-base paints are made in dozens of colors, and can be mixed to other shades.

Cleaning is a necessary first step unless the concrete is fresh and untouched by greasy materials. Use method previously described.

Acid-etching is usually recommended, though some manufacturers consider it merely advisable, rather than essential. The process is the same as described for dye, except that a weaker acid mixture is adequate—one gallon of acid to three gallons of water.

Painting is done after the floor has dried for at least a week. The paint goes on with an ordinary brush, two coats being usual. To be safe, allow 24 hours between coats and before walking on the final coat. One gallon of rubber-base paint will put two coats on 150 to 200 square feet of floor.

Oil paint for concrete

Oil paints made for use on concrete are the easiest to use. They are considerably less expensive than the rubber-base varieties. They have good wearing qualities if there is no moisture in the concrete.

Special cleaning is not always necessary when oil paint is to be used. But it is important to remove greasy stains and old paint that is in bad condition.

Liquid linoleum

A new one-coat product that can be applied thickly enough to hide roughness is especially useful for difficult conditions. It is liquid linoleum, put on with a brush and smoothed out in a heavy coating that dries all the way through.

It can be used for outdoor terraces or protected floors.

Clean the concrete with soap and hot water, followed by a thorough hot-water rinsing to remove soap.

Apply the fluid linoleum by brushing it on full strength, using enough to cover unevenness in the concrete. The liquid may be thinned by warming slightly.

Keep surface in good condition by waxing it occasionally.







ve time, trouble and expense with Cutler-Hammer Multi-Breaker

tolerate the blown fuse nuisance any ger? Why hunt fuses in the dark . . . or k off in the midst of preparing a meal to to the store for the new fuses you forgot to ? Why stumble down dark cellar stairs and ble in the old fuse-box wondering what to ? The Cutler-Hammer Multi-Breaker ends annoyance forever. It is installed in the hen or any other convenient place. And n service goes off, all you do is reset a tiny r that has snapped out of position. Nothing buy . . . nothing to replace! Service is re-red in the twinkling of an eye . . . even by a d! The average new home can have this dern and safe protection for less than $5.00 ditional. Also easily installed in old homes. w much will it cost *you?* at are *all* the facts? Write y for our free booklet oodbye to Fuses." CUTLER-MMER, Inc., *Pioneer Electrical Manufacturers,* 1396 Paul Ave., Milwaukee, Wis.



FREE BOOKLET—Tells facts about new, better home electrical protection. Write TODAY for your copy.

NEW Aldrich "Bantam"



This compact unit supplies ample HEAT and HOT WATER for our 5 room home...

FOR STEAM OR HOT WATER HEAT ... HOT WATER SUPPLY

You get BIG Boiler-Burner performance in less space for less money in the NEW Aldrich Bantam. Incorporates time-proven features of famous Aldrich line in new smaller size for modern 4-5 room home.

Unit only 45 in. high; outside boiler diameter only 20 in. Sturdy steel construction; double steel shell, 2 in. insulation; handsome Hammerloid finish.

Aldrich Oil Burner with Aldrich-built motor and transformer designed especially for the Bantam. Assures quiet, economical, trouble-free year-'round operation. Plenty of heat. Ample hot water—meets FHA requirements. Fully automatic controls available.

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ONE OF THE BREEZE PRODUCTS

☐ Please send free information about the space-saving, fuel-saving, money-saving Bantam.

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The Aldrich Company, Wyoming, Illinois
A Subsidiary of Breeze Corporations, Inc.

Mother's Day

▶ As the health and strength and weakness of our bodies is very much owing to their methods of treating us when we were young, so the soundness or folly of our minds is not less owing to those first tempers and ways of thinking which we eagerly received from the love, tenderness, authority, and constant conversation of our mothers.—*William Law.*

Federal housing aid? No

Continued from page 209

slums. We cannot afford a nickel for a program which diverts public interest, conceals the real problems, and therefore insures continuance of the slum.

Tighe Woods, the man who controls rents, said recently that he thought it was the duty of government to see that everybody had a home at a rental that he could afford to pay.

Government does not owe us any such thing. All we Americans want is the right to earn our daily bread, the right to be secure in our persons and property, the right to own our own homes under a system of free enterprise.

The real issue is not just one of government ownership of our homes. It is whether this country is going to build its future economy on Marxian Socialism, or whether it is going to continue to improve individual living standards under an enlightened system of free enterprise.

If the objective of some government housers were attained and even 38 percent of the people lived in subsidized government housing, this 38 percent plus government employees would, for all practical purposes, control federal elections. We would have state socialism.

A nation, a majority of whose people are on a government dole, cannot survive as a free people. Such a nation could not even survive as a socialist state. It would inevitably become an autocracy, with the most powerful bureaucrat becoming the dictator of all rights and privileges.

The people of Germany traded their freedom for better housing and other government favors and got Hitler.

It happened there; it can happen here. That is, unless the real purpose of left wing "social reformers" is clearly understood, and their activity in government be made to conform to the spirit as well as the letter of American democracy.

So-called government-owned low-rent housing is the cornerstone of a new edifice called state socialism. Do you want it? If not, get busy and help inform your friends and neighbors of the truth about this powerful minority drive before it is too late!



Set No. 3462/5. Table size 34x62" extended; 34x50" closed. Colors: Table; white or canary. Chairs; seats and backs upholstered in canary, red or black; seat and back panels in gleaming white Arvinite.

New "Miracle" Leaf . . . Exclusive Arvin Features



New "Miracle" Slide-Away Extension Leaf

Completely concealed, yet ready for instant use. Automatically stored just below the table top. Operates so easily that a child can raise or lower it with one hand from either side. The most convenient table-leaf ever developed. (Patent applied for).

Long-life Arvinite finish . . . richly upholstered chairs . . . superb modern styling

You'll marvel at every outstanding feature of this De Luxe Arvin Dinette Set—for it combines the very latest in smart modern styling with the utmost in practical convenience. The "Miracle" Slide-Away Leaf saves space, time and effort, and when slipped into place your table serves eight! The new long-life Arvinite finish, another Arvin "first", holds a lovely lustre and resists chipping, cracking, acids, alcohol and boiling water. The chairs are a revelation in greater comfort, with their richly upholstered seats and form-fitting backs, easily removable for different color combinations, and covered with scuff-proof Vinyl fabric. The exquisitely designed semi-oval table that provides extra knee and leg room, the beautiful colors, the brilliant lustre of chrome-plated legs and trim, together with sturdy, first quality construction throughout, will make you forever glad you chose an Arvin!

ARVIN
Metal Chrome-Plated
DINETTE SETS
with the "Miracle" Leaf

NOBLITT-SPARKS INDUSTRIES, INC.
Columbus, Indiana

Arvin Metal Chrome-Plated Dinette Sets • Metal Outdoor Furniture • All-Metal Ironing Table

Get more out of your hand tools

By Bob Gilmore

Proper use and care will make your tools work better and last longer. Here's how to handle your pliers, plane, saw, brace and bit, hammer, screwdriver, and chisel



Plane Cut in diagonal position, with the grain, using finger of forward hand to guide plane. On edge cuts, press down with forward hand at beginning of stroke, pushing hand at end

You can't expect to get good work out of your hand tools unless you know how to handle them and keep them in repair.

Once you learn the correct grip on any tool, you're a long way toward using it skillfully. And when you know how to keep tools sharp, rust-free, well lubricated, and comfortable to hold, you can count on faster, cleaner, more accurate work.

The basement, where most tools are kept, is the worst place to keep them. Few basements are dry enough to keep tools rust-free without silica gel or magnesium chloride to dehydrate the air. A jar of either of these chemicals in each tool drawer will help. But to keep the entire basement dry, thus protecting hanging tools, is a large order; it's best to wipe metal parts of hanging tools with a rag saturated with light machine oil. Handle oiled tools only by the wooden handles.

If your tools do rust, there are several dependable rust removers on the market. They will work unless corrosion has gone so deep that pitting has occured. Keep a bottle of rust remover on hand, with a package of fine steel wool to use with it.

In addition to keeping your tools rust-free, oil all moving parts regularly. Light machine oil is best. Revolving wooden handles need oiling just as much as do metal handles.

Check wood handles for splinters or rough spots which might cut or blister your hands. Fine sandpaper, followed by light wiping with linseed oil on a rag, will keep handles trim.

And store your tools carefully. Chisels and other keen-edged tools should have their own compartments where edges won't be dulled against metal objects. Planes should be laid on their sides. Drills and bits may be racked, rolled in oil canvas, or laid carefully in a wood-lined drawer. Even files will lose their cutting qualities if left in dusty, oily, or greasy places to fill with dirt. And for safety, as well as good care, rack up handsaws or store them in slotted drawers to protect their hundreds of teeth.

The pictures that follow will give you basic pointers on use and care of the seven most common hand tools.



Keep the bed of your plane smooth and dry. Use fine steel wool to polish the bottom, rust remover if it is needed. Remove lever cap (top) and plane iron and cap (lower left) before buffing, to prevent dulling of the cutting edge. A paraffined or grooved bed slides easily

Photographs: Photography, Inc.



To sharpen iron, separate cap and iron. Here, bevel has been honed and iron turned over to remove wire edge. Note lateral-adjustment lever (1), knob to set depth of cut (2), screw to adjust lever-cap tension (3)

More photographs on page 218



"This isn't the way I used to build"

THAT'S RIGHT, Pop, building methods have changed a lot in these last few years. Back in the days when you were building houses, insulated sheathing was a novelty. Nowadays it's standard practice. Everybody wants a stronger house and one that's easier to heat . . . especially when you can get it with Armstrong's Temlok® Sheathing without spending any more than you would for ordinary materials. Sometimes it actually costs less!

No matter whether you use brick, stone, wood, or stucco for the exterior finish, you'll have a better house if the walls are built with Armstrong's Temlok Sheathing. When Temlok is nailed to the framework, it braces the whole structure, making it sturdy and solid for the entire life of the house.

Temlok Sheathing is made of millions of strong wood fibers that have been separated and then put back together to form these big, strong boards. Around each fiber there's a thin coating of asphalt that adds still more strength and seals out dangerous moisture.

A house built with Temlok Sheathing is more comfortable to live in and a lot easier to heat. That's because Temlok is a good insulating material, too. It stops heat from leaking out through the walls in winter and helps to keep the house cool in summer.

Temlok saves you money, too. It costs less to install because the carpenter can put it up in a lot less time than ordinary sheathing. There's almost no waste of material. Besides that, your fuel savings start from the time you move in and go on year after year.

When you see Armstrong's Temlok Sheathing on a new house, it's a sure sign of good construction. Ask your lumber dealer for complete details about Temlok Sheathing and other Armstrong Building Materials, before you build or remodel.

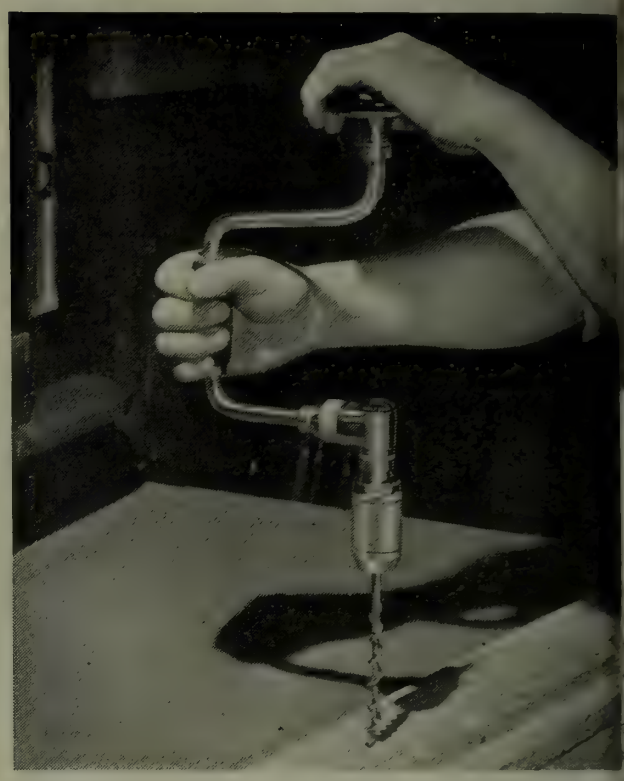


Send for free booklet, *"How to Build a More Comfortable New Home." It's full of good ideas, illustrated in color. Just write Armstrong Cork Company, 4905 Farnum St., Lancaster, Penna.*

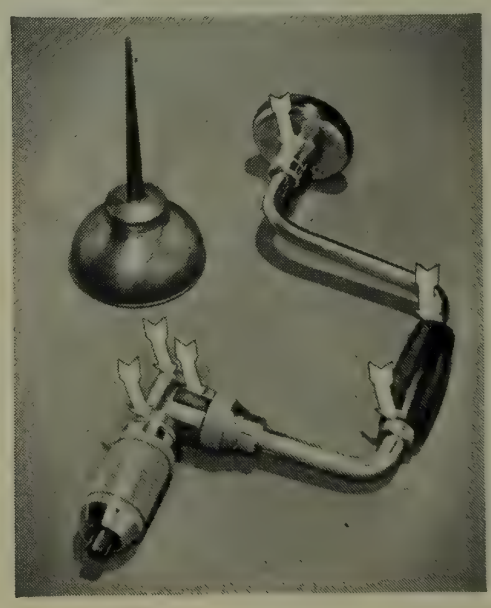
ARMSTRONG'S TEMLOK

One of the building materials made by the makers of Armstrong's Linoleum

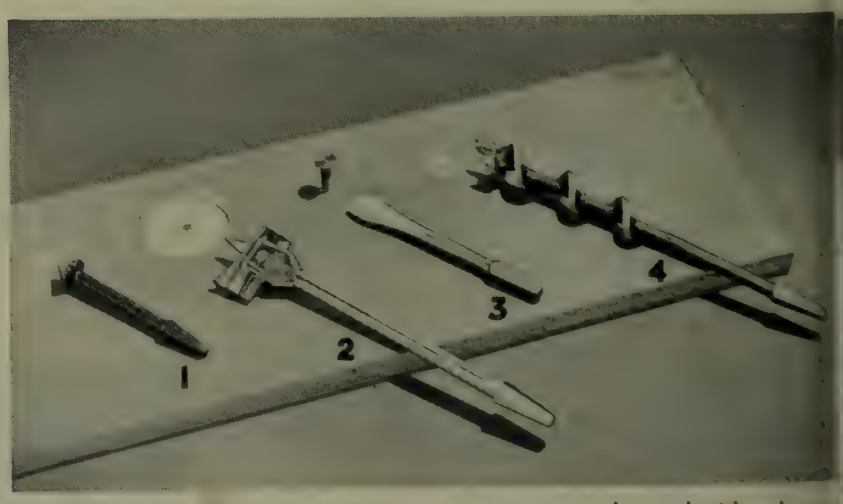
Keep brace oiled, bits keen



A brace is useful drilling tool for home use. It will take the largest bits, but will also handle the smallest of square shanked bits or drills. Correct grip shown lets you sight and guide the bit at a right angle. A good brace should have a smooth-acting ratchet and spring-action jaw



Arrows show the oiling point on an ordinary brace. Working from the top down along the crank are: head oiling hole, ends of crank-handle collar, ratchet dogs and collar, chuck shaft, and chuck shell. Jaws in side shell are the parts that get the most wear, but they can be removed and replaced by unscrewing the shell all the way off from the inner chuck shaft



These are the four varieties of bits most commonly used with a brace: 1) countersink bit used to make conical recesses for flat-headed screws; 2) expansive bit, used to drill holes from 1 to 3 inches in diameter; 3) screwdriver bit, for fast work with a large number of screws or for heavy screwdriving; 4) auger bit, for holes ⅛ to 1 inch in diameter

Freshen up for Spring and Summer!

Curtains made of Hathaway Dots* bring new beauty to every room—and at such very little cost. Available in many styles and sizes, they are long-wearing and easy to care for.

Be sure to look for the Hathaway label. Write for our helpful booklet "How To Buy Curtains." Address: Dept. B5, © Hathaway Manufacturing Company, New Bedford, Mass.

HATHAWAY DOTS

*Woven by the makers of Hathaway Nylon Marquisette

Dress by Claire McCardell

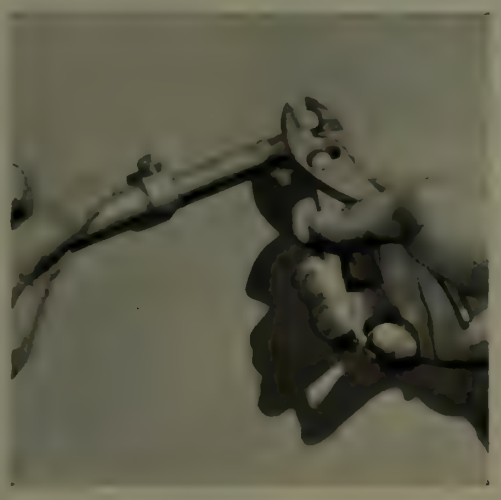


To sharpen an auger or twist bit, use a file, clamping the bit in a vise. A three-cornered file is adequate, but a special file is made for this purpose. Sharpen the lips as you would a chisel, observing the 20-degree angle and leaving the outside curve of the lips untouched except for trimming off the wire edges



The depth-cutting edges of a bit are nothing more than two chisel edges at the ends of the twists. File them as pictured, on the upward (tang) side of the edge, pressing only on the forward stroke. Don't file on the side toward the lead screw, or your cutters will only slide on the wood like ski points. Be careful not to cut your hands on the sharp lead screw and lips

Tighten up pliers



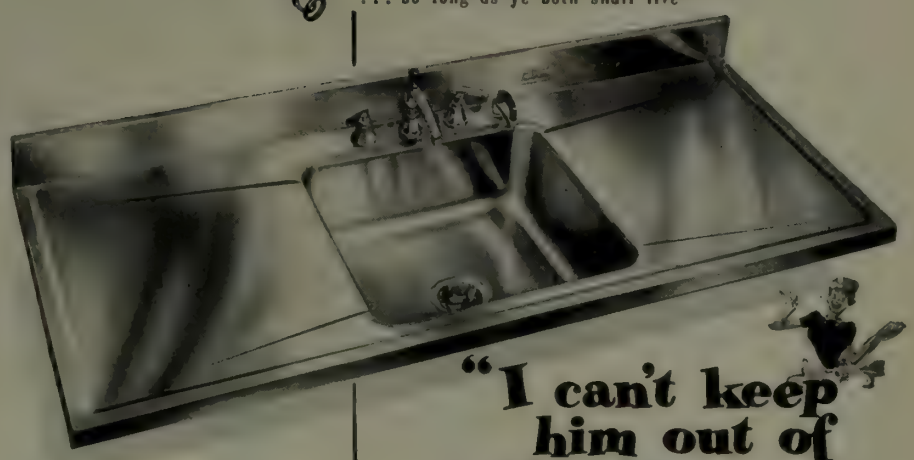
Pliers are simple to hold; just lay them across your palm and close your fingers around the handles. A grip with the little finger inside one handle will let you open the jaws easily without using the other hand. With the jaws wide open, pivot bolt will slide into the other hole, giving pliers a wider bite



If the pivot nut and bolt should loosen, wire-cutting and gripping action of pliers will be impaired. Tighten bolt and nut for free play without wobbling, then lock nut tight with a center punch. The fine serrations at the jaw ends and the coarser ones at the middle should be kept clean; rake them out with a wire brush or a sharp three-cornered file when necessary

More on next page

"... so long as ye both shall live"



"I can't keep him out of the kitchen"

(...SINCE WE GOT OUR NEW LUSTERTONE STAINLESS STEEL SINK)

Says he, "Ah-h-h-h . . . this I call cozy!"
I say, "But, darling—must you LIVE in the kitchen?"
Says he, "No, but you're such fun to watch . . . all sparkle and glowing with pride.
(Was I *smart* when I bought you your Dream Sink!)
Remember the things the man told us . . . ?"

- Lustertone has no "surface" to wear rough and porous . . . it's stainless steel through and through.
- Lustertone is sanitary . . . permanently free of cracks, chips, and bacteria-breeding scratches.
- Lustertone looks luxurious but gives more for your money. (It is guaranteed to outlast your home!)
- Stainless steel is resilient, so less china is broken. And best of all . . . Lustertone *never* needs scouring.



- Lustertone's nine standard sizes are available complete *with* base, or alone. Will fit without fuss any standard base cabinet. In 42" to 120" sizes with single or double bowl; also custom made for any plan or purpose.

ELKAY Lustertone®

Look for this nameplate — it identifies the finest

STAINLESS STEEL SINKS

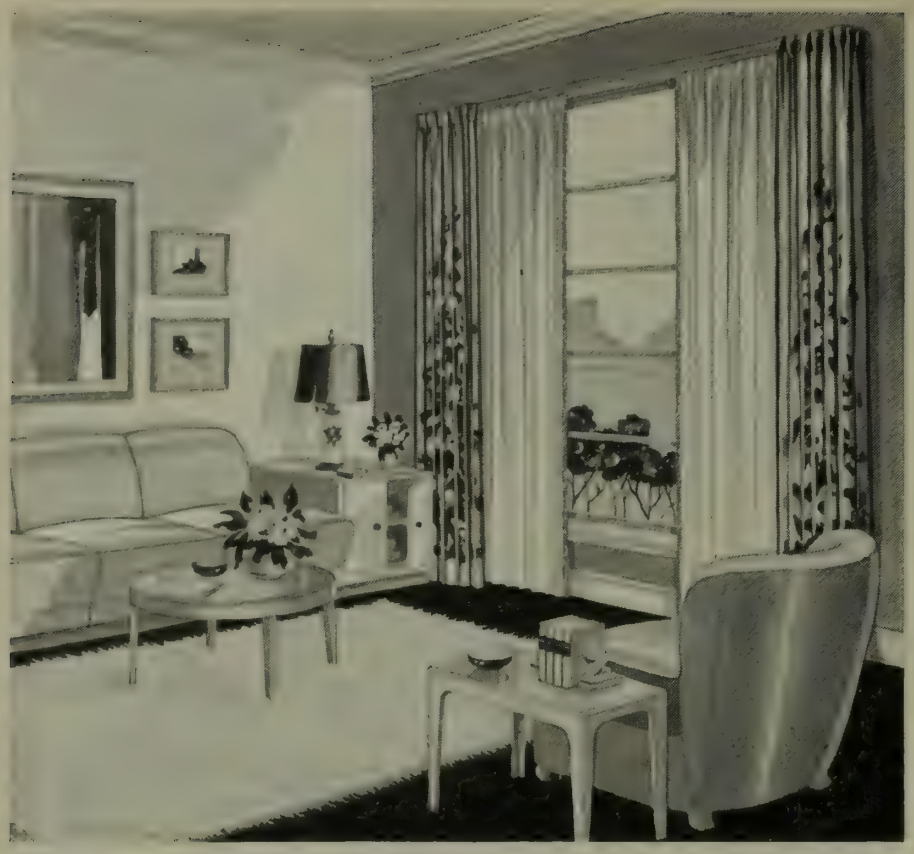
All your questions are answered in this free 16-page booklet. Clip and mail today



ELKAY MFG. CO. Dept. D-1
1874 S. 54th Ave., Chicago 50, Ill.
☐ Where can I see a Lustertone sink?
☐ I am planning to build ☐ To remodel
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Address_____
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St. Charles
Leading makers of custom-built kitchens feature Lustertone sinks and surfaces for those who want the finest.



Window wizardry

. . . so simple with Kirsch

YES . . . your friends will call it sheer wizardry when they see the new "look" you've given your windows!

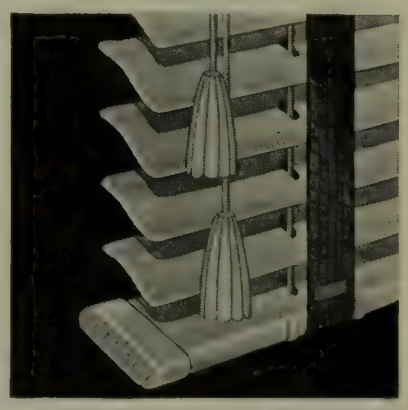
Only you will know how really simple it is to fashion stunning window treatments when there's a helping hand from Kirsch Drapery Hardware!

In the window above, simple beauty and utility are combined with a Kirsch double traverse (draw-cord) rod. The draperies glide open or closed at a light pull on the hidden cord.

Any other kind of window treatment is equally easy with Kirsch, too! There is a Kirsch rod, crane, pole, cornice, valance pleater or accessory for every type of window treatment. No window is a problem-window when you use Kirsch Drapery Hardware!

Kirsch Sunaire Venetian Blinds

For a window that sings luxury, choose *Sunaire* Venetian blinds! In beautiful pastel tints as well as popular White and Ivory. *Sunaires* have extra-wide (2 3/32") double-curved, S-shaped steel or aluminum slats for extra strength and better closure. Durable, baked-on enamel finish . . . no chipping or rusting. All-metal enclosed bottom rail with rubber-like end caps.



Kirsch

DRAPERY HARDWARE AND VENETIAN BLINDS

Beauty in the Room Begins at the Windows
Start right with Kirsch Drapery Hardware



Send for booklet, *Smart Window Styling*, with 85 window ideas. Enclose 25c, coin or stamps. Kirsch Co., 290 Prospect St., Sturgis, Mich.

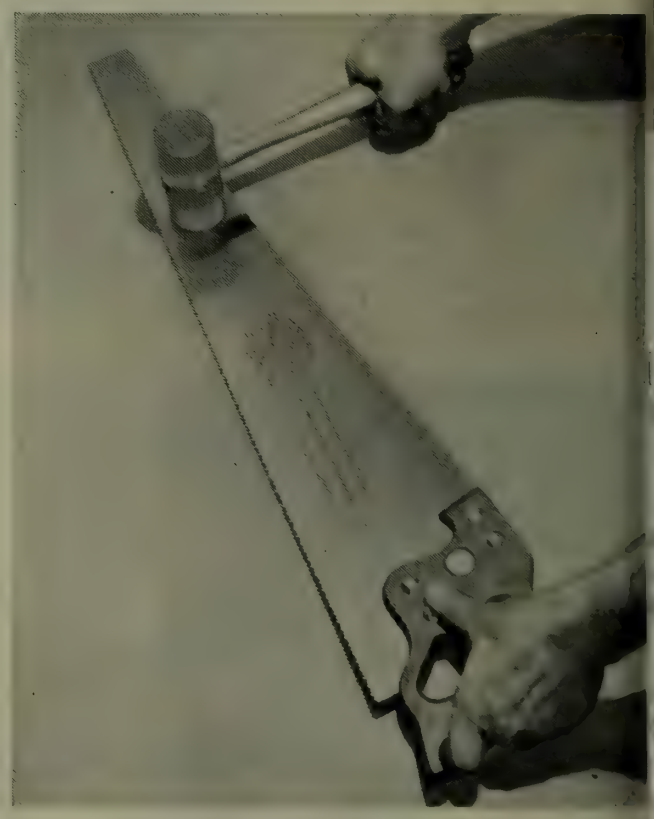
Keep saws sharp and rust-free



A handsaw should not be forced. Start cut near heel of sa drawing lightly upward until cut is deep enough to fin without guiding thumb. Pivot strokes at shoulder and elbo without twisting body. Use a rip saw with grain, a cross across grain. Nine points to the inch is a good tooth



When a saw pulls hard, it may be rusty, dull, or lacking set (teeth bent enough to either side to make a cut wide enough for free action). Remove rust with rust solvent, rubbing with steel wool and wetting and rerubbing until metal is bright. Dullness, lack of set, or both call for a trip to a saw filer



Saws get kinked, especially when dull. Straighten gentl kinks with your fingers; sight down blade to check worl Sharp kinks yield to harsher methods, like the tapping shown Use a wood, leather, or plastic mallet, and strike up-curve part of the kink, laid on a wood surface, until saw is straigl

More on page 22



Value: $12,250
(August 1)



Value: $13,720
(August 10)

A few gallons of paint made the difference!

Freshly painted, your house is more than just beautiful.

It's actually worth more!

In a nationwide survey, real estate experts agreed that a good paint job increases the value of a house at least 12%. So take a careful look at the paint on your house.

With replacement and repair costs so high, it's awfully important to keep expensive, paint-preventable damages from getting started.

Fortunately, great new paints come from the paint scientists' laboratories continuously. These new paints cover better; dry quicker; stay cleaner; last longer. They give measurably greater protection and beauty to your house. They emphasize that *it always costs more not to paint!*

Start with the Finish. The same scientists who made such tremendous improvements in paints have perfected whole families of super-finishes.

These new finishes withstand abuse on hot stoves, cold refrigerators, and wet washing machines . . . protect furniture from alcohol, grease and scratches . . . give lasting beauty to everything from autos to water heaters!

Take advantage of this research by insisting on the best finishes when you buy. *At the start, consider the finish!*

National Paint, Varnish and Lacquer Association, Inc., Washington, D. C.



Save the surface and you save all!

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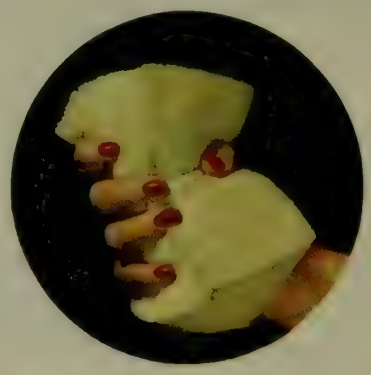
For the First Time

THE LUXURY OF U. S. KOYLON FOAM CUSHIONING IN FURNITURE THAT EVERYONE CAN AFFORD!



There's a lifetime of good lines in furniture Koylon-upholstered. No wadding, lumping or sagging where there's Koylon. Matching sofa and chair in a variety of fabrics in decorator colors.

Of course, everyone wants Koylon Foam for upholstery. It's so much cleaner . . . never has to be fluffed up or fussed over to hold its crisp lines. Then, too, Koylon is blissfully comfortable . . . millions of tiny bubbles blown through naturally resilient rubber, create an air-borne upthrust to make sitting and relaxing so much easier and pleasanter.





Rock on an up-to-date cloud—a Koylon-upholstered arm chair in sturdy, woven fabric. Roc-Liner has special lock-in-position base.

U.S. Koylon FOAM

The furniture illustrated is available in a store near you. Write to National Furniture Manufacturing Company of Evansville, Indiana for the name of your store.



The Television-Fireside Set. Koylon upholstery is beautifully clean—one single piece of latex foam that never sags, always returns to original shape.

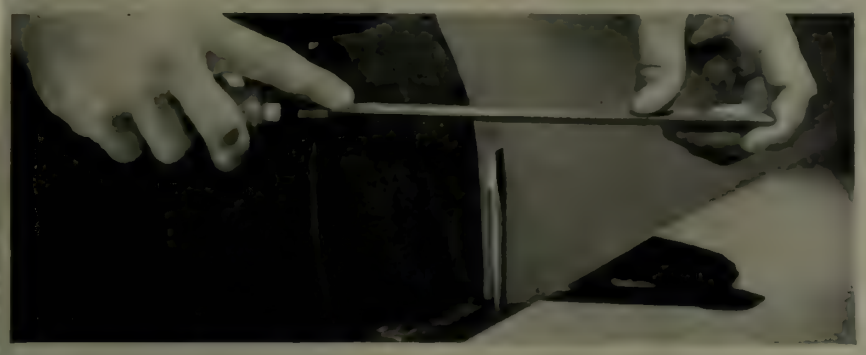
UNITED STATES RUBBER COMPANY ❖ *Serving Through Science*

File screwdriver blade square and flat





Correct grip on screwdriver circles handle with fingers and thumb for twist, uses forefinger for guidance, heel pad for push (left). When you use a large screwdriver for heavy work, use grip at right. One hand gives a powerful twist while the other presses the handle end to keep screwdriver in the slot. Choose screwdriver for a snug fit in the screw slot



Working end of a screwdriver should be square and straight, with sharp corners and no curves. Clamp the shaft in a vise, with only a short bit projecting to prevent chatter, then file as shown. File only on the forward stroke. The taper at the sides should be very gradual; a chisel-like taper will force the driver out of the screw slot, burring the slot

Wood chisels must be razor-sharp



When you use a chisel, keep your free hand behind cutting edge. Chisel grip is like screwdriver grip, but left hand is used to direct and apply pressure to the blade. Use chisel with bevel up. Tap only with leather, wood, or plastic mallet. Diagonal strokes give cleanest cut



Don't grind chisel or other edged tool unless you have a water-bath stone to prevent burning away of temper. Hone on a combination stone (rough side first, fine side for finish), holding blade at a 20-degree angle and working it in a figure-eight or circular pattern. Hone only the bevel side; remove wire edge by laying chisel flat, bevel up, and pushing it forward on fine side of stone



Chisel handles take a beating. Even when they are tapped with soft mallets, they may be split or battered until the grip is hard on your hand. Keep metal rings tight, and handles firmly set in sockets. To keep handle easy on your hand, sand the top smooth against your palm

More on next page



touch wood—

and you'll know why these windows are *preferred!*

Wood is warm to the touch . . . wood is friendly . . . wood *insulates!* That's why so many home owners prefer windows of wood. And when that wood is Ponderosa Pine, you get *plus* values you'll appreciate for a lifetime!

Lowered upkeep saves you money!

For one thing, Ponderosa Pine has a smooth, even absorptive surface that holds paint or other finishes in a vise-like grip. That means fewer redecorating bills . . . windows that *keep* their fresh, new look. And Ponderosa Pine has the toughness, the durability to stand the hard knocks of daily living. In addition, toxic preservative treatment (available, factory applied) enhances still further the long life for which these windows are famous.

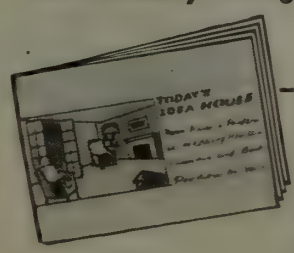
So easy to install

Ponderosa Pine windows are available in many different styles. All are precision-made—all have the quality craftsmanship that assures quick and easy installation. Remember, too, that Ponderosa Pine windows are moderate in cost!

Window ideas you can use!

Want ideas for using windows to brighten your home—while adding comfort and good looks? Then you need "Today's Idea House"—our 32-page booklet full of suggestions and photographs. Send now for your copy—just mail the coupon!

for friendly living Ponderosa Pine
WOODWORK



Ponderosa Pine Woodwork
Dept. SB-5, 38 S. Dearborn St.
Chicago 3, Illinois

Please send me a copy of "Today's Idea House." I enclose 10 cents (Please print.)

Name.....

Address.....

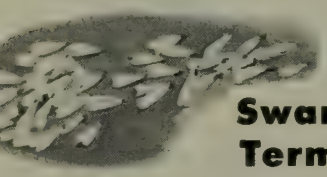
City.....*Zone*....*State*.....

Watch for these signs of

TERMITE ATTACK

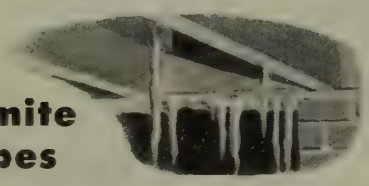
around your house

sually you never know termites are estroying the wood in your home until ey have done serious, costly damage. ometimes, in advanced stages of ter-ite attack, you may discover these nger signals:



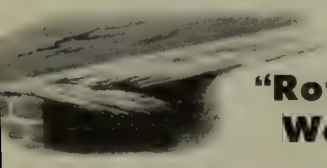
Swarmer Termites

you see "flying ants" near your home, ese are likely to be swarming termites aving their ground nests to start new lonies. This is a definite warning of active termite infestation.



ermite Tubes

hin, mud-like tubes on the foundation alls or pillars under your house are a re sign of termite attack. Termites uild these tubes from their ground ests to reach the wood in your home.



"Rotted" Wood

ermite damage is frequently mistaken r rot. If you find timbers or boards oneycombed and riddled, it's definite idence that termites have begun their structive work.

Expert Inspection Free—The sure way to learn whether you have termites is to phone the Terminix Company near you and request a free inspection of your property. Or write Terminix Division, E. L. Bruce Co., Memphis, Tenn.

Guaranteed Protection — Performance of Terminix contracts is guaranteed by (1) E. L. Bruce Co., world's largest maker of hardwood floors, (2) Sun Insurance Office, Ltd., (3) Your local Terminix Company.

BRUCE
TERMINIX

orld's Largest in Termite Control

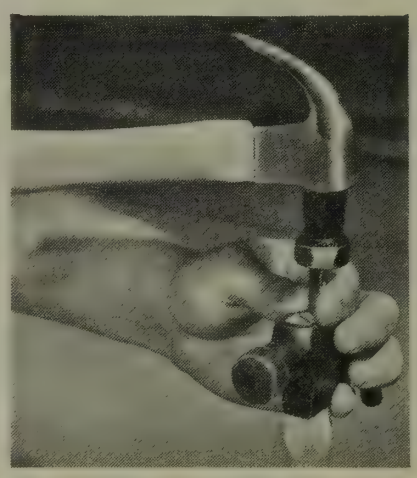
Hand tools

Continued from preceding page

Select hammers with care



A hammer, like a shotgun, should be bought for balance and weight. Swing it a few times; if it's tiring, choose a lighter one. Correct grip is direct handshake, hammer head pointing down as you grasp the handle. Choke (short-grip) handle for light, accurate work; use longer grip for heavy work

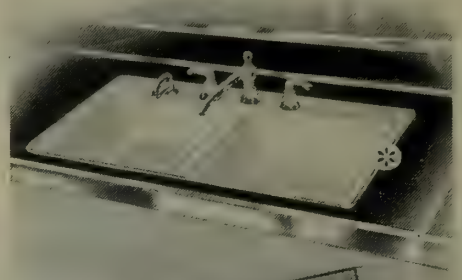


Loose hammer heads can be tightened by driving wedges. Stand the hammer on bench or floor so the head won't be bounced loose as you drive wedge. If drying has loosened the handle, a combination of wedging and soaking in water may be needed



When a hammer handle is cracked or broken, replace it for safety. Cut off old handle close to the head, place on blocks as shown (or in a vise), and drive the rest of the handle out with a blunt punch or bolt. File or grind new handle to fit the socket, drive it into place by striking the butt end on a solid surface, and drive wedges

A SIMPLER WAY TO SINK-TOP *Beauty*



Prestite

Handy New SINK RIM that Squeeze-seals Watertight



● Your linoleum man will gladly explain this revolutionary sink rim. Designed on a different principle, it does away with clamps, bolts, scribing,—which mechanics agree cause water seepage and faulty installations. This new Prestite rim assures a neater job, stays that way longer. It grips covering tightly. Cement is squeeze-sealed watertight.

Ask your dealer to install a Prestite sink rim, inquire also about Kintrim Stainless mouldings for kitchen, bath, rumpus room. Used to protect the corners and edges of linoleum and enameled wall coverings—Kintrim mouldings save many times their cost, add protection that preserves perfection.



Get full details about the Prestite Rim and Stainless Mouldings. Send coupon below for free idea folder today.

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GENTLEMEN: Please send free Prestite Folder and Kintrim Idea Folder No. B59.

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Address.....

City.....State.....

Radio-phonograph cabinet

Antique pine chest plays a modern role



Closed, the chest is still an antique

If you're looking for a radio-phonograph cabinet that will fit in with Early American furniture, you can remodel an old chest as Avery Rennick, Los Angeles, did. Mr. Rennick removed the drawers from this small pine chest—then put his radio-phonograph inside. He screwed the drawer fronts to plywood panels to make hinged doors for the front of the chest; he cut a lift lid from the chest top. When the doors are closed (above), the pine chest still looks like a charming antique. When the doors are open (below), the radio-phonograph is ready for use. Extra space inside the chest holds both large and small record albums.

Photographs: George de Gennaro



But open, it serves a modern purpose

It's perfect for families with children!



You feel so *safe* driving this easy-steering car. With extra large windows and windshield, you have wide vision all around . . . you see the road right in front of you. It parks in far less space, too.



...e durable grained-...astic upholstery in a ...ep' Station Wagon is ...shable! Mild suds and ...ar rinse keep seats ...an and fresh despite ...illed sweets, muddy ...t or even the baby's ...rmula.



Family hauling jobs are easy with a 'Jeep' Station Wagon—even a bicycle can go along when you visit! Rear seats are easily removable if you have an extra bulky load . . . and there's huge parcel space with all seats in.

SO many cars are like formal living rooms—for adults only. But no the 'Jeep' Station Wagon . . . it's made for families with children

Imagine never worrying about wet clothes and shoes or even a dripping dog—the seats, floor and interior paneling are washable

And do children love riding in a 'Jeep' Station Wagon. They have lots of room in its all-steel body . . . they sit up where they can see through the wide safety-glass windows.

You'll love riding in it, too, for it is a smooth comfortable car that is easy to handle, smart in appearance and so widely useful for every family need.

With its gas-thrifty engine and overdrive, the 'Jeep' Station Wagon goes farther on a tankful . . . and repair bills will cost you le

Let a Willys-Overland dealer take your whole family for a trial ride in this grand car.

'Jeep'

Station Wagon

WILLYS-OVERLAND MOTORS, TOLEDO • MAKERS OF AMERICA'S MOST USEFUL VEHI

drab, outmoded homes

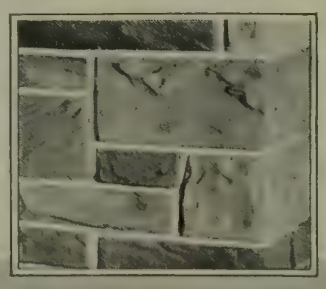


smartly, economically modernized



Perma-Stone offers exciting modernization for old or new homes at a price you can afford — smart restyling, with the distinctive character and everlasting charm of natural stone. With all it provides in luxurious beauty, insulation, comfort and gracious living, Perma-Stone is the truly economical choice for home exteriors—the first cost is the last cost. It quickly pays for itself in reduced fuel bills and freedom from future upkeep expense. It is fire-safe, weather-tight and vermin-proof. An investment that increases property values many times its cost. Nation-wide distribution by dealers who will be glad to offer expert suggestions and free estimates.

Genuine Perma-Stone is prepared and cast with hand moulds over walls of any kind, in colors and textures like native stone. Wide choice of smartly modern treatments.



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for Beauty • Permanence • Strength

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Send free Perma-Stone literature and name of your local dealer.

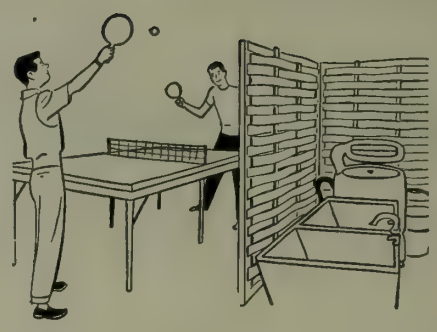
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Anyone can build this

Screen



Do you need a partition in your home, or privacy in your yard? Here's a screen of many uses that anyone can build, and that any pocketbook can pay for.

The only materials you need are wooden laths, some 2x2 lumber for framing, a few small finishing nails, screws, hinges, and paint. The only tools you need are a hammer, screwdriver, and paintbrush.

These photographs show you how to do the job.

Photographs: Peter Gowland



1 Wet lath at intervals over a day or so to make it bend easier. Buy green wood, and select lath that is uniform in length to avoid sawing



2 For each section, lay four 2x2's on floor, and nail a lath across top to hold them in place. Weave the lower lath through uprights and nail



3 Stand frame upright and weave laths through it. Start in the middle, bending laths at each end. At the top, take off brace and nail top lath to outside uprights. Fasten the sections together with hinges

of many uses

By Alice Gowland







4 When lath is dry, the screen can be painted. Here, paint is applied with vacuum-cleaner spray. A brush can be used or wood left natural

This two-unit, six-foot-high screen was built in four hours, cost only $6



Although this was intended for indoor use, screens made of lath can be equally useful outdoors. Make uprights a few inches longer than lathed portions, so they can be pointed and driven into the ground or set in postholes





BATHROOM ENSEMBLE COURTESY OF HYGIENE SHOWER CURTAIN MFG. CO., INC.

I staged a complete transformation of my bathroom—and the only props I used were new metallic *Velon* film shower curtains in opposite corners of the room, hung from ceiling to floor. Along the ceiling on two walls, I draped two pairs of ruffled *Velon* window curtains in graceful swags to give interest and elegance to my high, narrow old bathroom. Two more pairs formed vanity skirt and chair cover.

Only Firestone *Velon* gives you pattern excitement, supple drape and fabric-like texture that brings new decorator beauty to your bathroom, without architectural changes.

***Velon* is utterly waterproof and washable**—won't crack, turn gummy or brittle. *Velon's* colors, whether sparkling metallics, sheer pastels or opaques, stay fresh through years of wear.

Insist on seeing the "Firestone *Velon*" label on hundreds of exciting practical home accessories at department and variety stores everywhere.



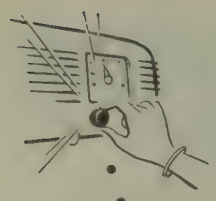


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Your guarantee of a first quality material



One control gives you *any* volume you want in a radio

One Switch

gives you *any* temperature not just 3 or 5 or 7 in an

L&H AUTOMATIC ELECTRIC RANGE



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Not 3, not 5, not 7, but every temperature you need for cooking is at your fingertips in just *one* switch! You adjust heat the way you adjust volume on your radio . . . cut it down if too much, turn it up if too little. Only the infinite control of the L&H Vari-Speed Switch gives you this simple, sure regulation . . . lets you cook as you've always done, but faster, better, easier! Other features improve your skill, save your time: oven holds an entire meal, cooker lifts up to form extra unit, broiler takes several steaks, and everything's automatically time controlled, even a surface unit! If you'd like to get better cooking results, yet spend less time cooking — this is the range for you! See your dealer or write to A. J. Lindemann & Hoverson Co., Milwaukee 7, Wis.



L&H Electric Water Heaters, 10-year warranty!

THE RANGE THAT MAKES GOOD COOKS BETTER

Young love

Continued from page 172

can be balanced with the moral values we want our children to have. This is a duty we cannot leave to the schools. In short, there comes a time in every family when telling the kids is an inescapable responsibility.

"But *what* shall I tell them?" "And how?"

I know what you mean. To be sure, you know literally what, for in this modern age you are an educated, intelligent parent. Yet you—and I—may be affected by the senseless taboo that was on all sex information in our youth, and by the even more senseless flaunting of sexiness today. Remember this—nature in her wisdom planted in every child a marvelous, if intangible, mechanism known as curiosity. *If left to its own devices* it has discretion. But human society, being imperfect, has made it impossible for adolescent curiosity to function properly. Hence we must aid it.

Good books can be laid before an older child as suggested reading. Your physician, your librarian, your minister, priest, or rabbi, or the service bureau of this magazine, can suggest some if you wish. Conferences about what is read can be an easy bridge over any embarrassment, if you initiate them.

We can expand, within limits, the information that son or daughter asks for. If none is asked for, we can start from scratch and impart basic facts as casually and as satisfactorily as if we were discussing food. Do it matter-of-factly, with no melodramatic tone or poetic approach, sticking to simple realism. The older the child, the more detailed you can be, especially if the romance is a third or fourth or fifth one, with potential marriage in sight.

"We told our boy a few fundamentals when he first showed an inclination to be alone with one girl," a neighbor said recently. "Within the month that first romance waned, then two more came and went. When his fourth 'true love' began, he was more intent about it. He came to me one day and said, 'Dad, why do I always want to touch Dorothy? To put my hands on her and—and well, kiss her, like they do in the movies?' He paused a moment, then added, 'Is it all right if I do?' "

It is all right, *if*! If you, the parent, teach him the importance of moderation, of restraint. A kiss at 16 is an event to remember! A habit of promiscuous necking at 16 —or any age—is a pitiful and needless shame. I know, the division line is a thin one; the best we can do is teach our children to listen to their own consciences and harken to common-sense warnings. To get that across takes a parent-and-child intimacy too seldom found but easy enough to achieve if you can find the heart to attempt it.

Chances are overwhelming that your adolescent already knows



Double BEAUTY... Double DUTY...



Double Life curtains

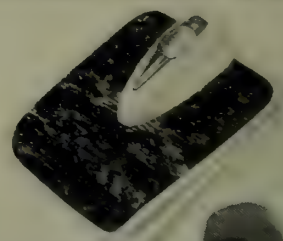
Reverse these lovely curtains end for end after each washing... and get twice the wear from every pair. Choose from smart new styles in a range of fine fabrics . . . organdy, marquisette, rayon and nylon. At your favorite store.

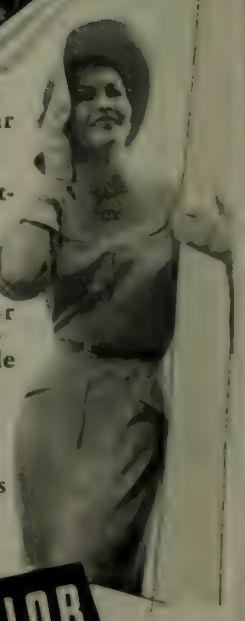
For *helpful, illustrated booklet "Curtain Magic for Home Decorators"* send 10¢ to Dept. BH

DOUBLE LIFE CURTAINS A BURLINGTON-MADE PRODUCT

FAIRCLOUGH & GOLD, Inc., BOSTON 10, MASS.

THE Smart figure GUIDE OF FASHIONABLE WOMEN





Smooth figure lines are *fashion* lines . . . let your Counselor personal scale help guide you to smartness and figure perfection. Beautiful, accurate, durable . . . ask your dealer for Counselor — the smart figure guide of fashionable women.

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COUNSELOR Scales

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COOKED JUST THE WAY YOU LIKE IT



TEL-TRU ROAST MEAT THERMOMETER $2.50

- **STAINLESS STEEL** — cannot break or chip in meat.
- **EASY TO USE**—Big dial tells at a glance when meat is rare, medium, well done.
- **NO GUESSWORK**—Use for beef, veal, lamb, ham, pork.

TEL-TRU thermometers are accurate, sturdy, easy to read. Many other models for cooking, indoor, outdoor use. Ideal gifts. At houseware depts., hardware, and other stores. If your dealer cannot supply, order direct (postpaid). Money-back guarantee.

TEL-TRU THERMOMETERS
Germanow-Simon Co., Rochester 1, N. Y.

AMAZING, NEW
Ovenola*



. . . for easy TOP-OF-STOVE cooking, Aunt Peggy Worster, famous cook in food-famous Maryland, used this big handsome, top-of-stove oven for 8 months; preparing numerous dishes like those at left.

OVENOLA's big 12" footed chrome-on-steel base, with cool, sure-grip handle, fits nicely over large burner; dimpled, footed trivet stands on base and holds baking dishes; gleaming, mirror-polished chrome-on-steel cover has 0°-600° F. temperature gauge for recipe cooking; 4 vent-holes below black plastic knob on cover let moisture escape.

AUNT PEGGY says, "The Ovenola is just fine for baking . . . it's easy to use, saves fuel and keeps my kitchen cool." Tested recipe and direction folder with each Ovenola.

Ask your dealer for Everedy's Ovenola or show him this ad. He'll be glad to supply you or write us.

$5.00 (Slightly higher South and West)

The EVEREDY Co.
FREDERICK, MARYLAND
WORLD'S LARGEST MAKERS OF CHROME KITCHEN UTENSILS
ORIGINATORS OF THE TATER BAKER

about the actual processes of mating and birth. But chances are even greater that he (or she) may not have clearly related those physical facts with this strange new phenomenon called desire. He may have sadly warped impressions, misunderstandings, imaginings, and impulses; he will *surely* have if his education is left to chance. It is not necessary that you try to enlighten him about *all* the strange emotional influences involving sex—for neither you nor I nor any other person has ever fully understood them! But teach him sympathetically, how desire can be degrading or incomparably wondrous and fine. Teach him that while love and desire are related, they are not synonymous; that both are sacred, and can be eternally inspiring. Your thinking here may enrich your own life as well, for a teacher often learns more than his pupil.

My personal feeling is that physical sex information had best be imparted piecemeal. Not too much before puberty; not too much how-to even on the day before marriage, for, after all, the thrill of discovery for one's self in marriage is valuable, to a degree. It should be enough to prevent physical and emotional distress, but not enough to create one of those educated, yet somehow obnoxious, boys and girls who know too much, who may even be clean, yet are wordly wise beyond their years. Because their clan is pitiable. They have lost the ineffable glow of youth, the intelligent innocence, the serenity which can blossom in childhood then be heightened throughout life.

And anyhow, sex knowledge is but one phase of the training—a fact which we impetuous parents often forget. Young Miss Jeannie Wilson that morning was not only aware of her physical structure and its operational plan, she was also socially poised. Is your daughter poised? Your son?

Careful study will show you that poise comes primarily from two sources—a realization that one *looks* right, and that one is capable of saying the right things. It's as simple as that.

Dress, then, is more important to young people than we might suspect. We see them in slap-happy shirttails and jeans, strange modes of the moment. Okay, if that's right, they will feel it, and gather assurance from it. You and I will be foolish to insist on what we might consider more suitable attire. Fortunately, the kids themselves usually develop increasingly good taste, and have a sense of what's appropriate for courting. And yet, kids are extremists. Your Jeannie will be wanting evening gowns cut below her years, and above your means. Your Marvin will be conniving for new and flashier suits, hats, neckties. The best we can do is help them temper such enthusiasm; and to remember that correct clothing somehow encourages correct deportment.

Lord help me, when I went to my first party, at age 12, I wore new shoes that squeaked, and I walked on my heels or stood in a

[*Turn to page 296*

Hear invisibly with Sonotone's new "Out-A-Sight" eartip. Receiver in the ear is eliminated.



HEAR WITH THE smallest-finest SONOTONES EVER MADE

SAVE 50% TO 65% ON BATTERY COSTS!



1. NEW "POWER-PLUG" GIVES 10 TIMES THE BATTERY LIFE!

Want greatest savings? The Sonotone Space-Saver's "Power-Plug" connects a compact "A" battery lasting *10 times longer!*



2. NEW "ECONOMASTER"* DOUBLES THE LIFE OF B-BATTERIES

Most people can use this new power-saver which makes long-lived "B" batteries last *twice as long!* *Patent Pending



3. NEW CIRCUIT SAVES 1/3 ON B-BATTERY COST!

For those who need most power, the efficiency of the new Sonotone gives 30-volt performance with 22½-volt battery economy! Cuts battery drain over 1/3!

. . . built for better UNDERSTANDING . . .
not just HEARING!

FOR WONDERFUL, invisible hearing —*and almost invisible operating costs*—be sure you see the new Sonotone! Here is one of the smallest hearing aids ever made—gentle as a lullaby for sensitive ears—yet it can actually *double* previous power!

With *least power or most power*, this Sonotone delivers farthest, clearest hearing! *Plus* the "Scotch Guards" economies! *Plus* wonderful performance in all climates. Plus the knowledge that Sonotone made it and Sonotone stands behind it at 350 permanent offices and hundreds of Hearing Centers!



2/3 ACTUAL SIZE

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Sirs: Please rush your illustrated booklet describing Sonotone's amazing new instruments and astonishing economy.

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Nearly 18 vehicles *a minute roll from all GM assembly lines during the average work week. Such volume reduces costs, gives you better value.*



Here valves are tes
individually before
ing into an engine.



All cylinders *in an engine are bored at one time on this machine, giving greater precision at lower cost.*



Key to better production

Better production comes from many things—better factory layout, better placing of machines, better flow of materials.

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It comes from making difficult production jobs easier. And it comes from turning out millions of units yearly—in volume which leads to mass-production savings.

Better production, as well as better research and engineering, gives you greater value in a General Motors car.

THE KEY TO A GENERAL MOTORS CAR

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NOW! HENRY J. TAYLOR on the air every Monday evening over the ABC Network, coast to coast.



With our garage opening at the rear of the house, we have a turn-around that gives us an all-weather play and lounge area completely shielded from view from the street. If you have an alley, you need no paved turning place

Our garage faces away from the street

By Dr. and Mrs. Howard E. Puckett

We faced the garage doors of our Amarillo, Texas, home away from the street. And we had three good reasons for pointing them that way:

We object to the dark cavern that appears when doors of most attached garages are open—a cavern that makes the houses look lopsided.

We wanted a private play and lounge area.

We wanted to be facing the street when we came down the driveway.

With garage doors at the back, our house presents an uncluttered view from the street, and will continue to look well if we add a bedroom or study over the garage.

Moreover, we still have the other advantages of an attached garage—protection against the northwest wind, and flexibility for future expansion.

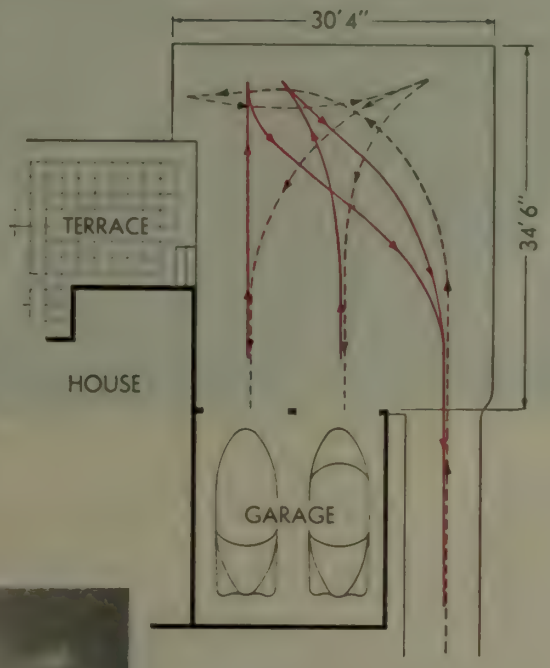


Diagram (above) shows how we turn around at the end of the driveway. Concrete area is about 30½ by 34½ feet, giving us plenty of room for maneuvering. We never have to back into passing traffic

Photographs: Williams' Photo Service



From the street side the garage doesn't look like a garage. By putting its back to the street, we avoided the black hole beyond open doors, and the intimate view you get into an attached garage



"we put lifetime beauty into our bathroom!"

Put this bright touch of life into your bathroom . . . and get more *living* out of it. The warm gleam of Gerity *Lifetime* Chrome costs so little that you can afford all the accessories you need for family and guests. Smart styling, too, in towel bars, soap dishes, grab rails and *everything* you need!



LIFETIME CHROME by Gerity

And where does the *lifetime* enter this picture? Look for it in the tougher, heavier chrome plate that won't flake or wear off. Look for it, too, in the Gerity reputation for top-quality chrome accessories on costly automobiles.

Where better housewares are sold. Write for free folder and names of your local dealers.

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FIGURINE, CONTEMPORARY AMERIC

Only Wallace Sterling ... like Sculpture ... has

Third Dimension Beauty

Brides are making Wallace Sterling the most sought-after silver in America. All over the country they're asking to see the sterling that has the "Third Dimension Beauty" of sculpture ... beauty in front, beauty in profile, beauty in back. Only Wallace Sterling ... created by William S. Warren, famous designer ... fits that description. Before you select your sterling, be sure to see the five Wallace "Third Dimension Beauty" designs. Left to right: Grande Baroque, Sir Christopher, Grand Colonial, Stradivari, Rose Point. Six-piece place settings from $27 to $35, according to pattern.



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STERLING

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Give your baby a chance to explore

Solitary confinement never helped anyone. It's especially bad for the young child who needs to examine his world

By Ann Usher

Photograph: Josef Schneider, Childhood Reflections



Keeping your baby strapped or fenced in against his wishes can thwart his growing independence

Playpens, high chairs, low chairs, walkers, and little tables with seats set in, each is fine for its purpose. But none of them was intended to serve as a place of solitary confinement for your baby. Yet that's what they become all too often.

No mother means to put her baby in jail and keep him there. But for reasons of safety, convenience, and cleanliness, it often happens that Baby is placed in his playpen, or strapped in a chair or walker, and left there much longer than is good for him.

The younger baby, of sitting-up age, still needs to develop control of his muscles by rolling over, stretching flat on his stomach, lying on his back, kicking, reaching, and pulling himself up to a sitting position. He can't do these things if he is strapped in a chair for all his waking hours.

It's easy to leave your baby in a teeter swing for long periods because he seems content—or even if he fusses, because you can satisfy him by handing him a different toy or jouncing him up and down. But just a-sittin' and a-lookin' is a dull occupation for babies, just as it is for adults.

Let your baby have his meals in his chair. He may sit awhile at other times, too. But keep the periods short. Then transfer him to his playpen or a pad on the floor. There, he'll have his chance to move about—and creep, when he gets ready.

For the older baby though, a playpen may become a prison instead of a place of freedom. He can't satisfy his curiosity about the world as long as he's bounded by a fence. He wants to reach and touch all that he sees.

This urge comes earlier to some babies than to others. When you deny it and force your baby to stay put, he may rebel [*Turn to page 236*

A Better Homes & Gardens child care and training feature

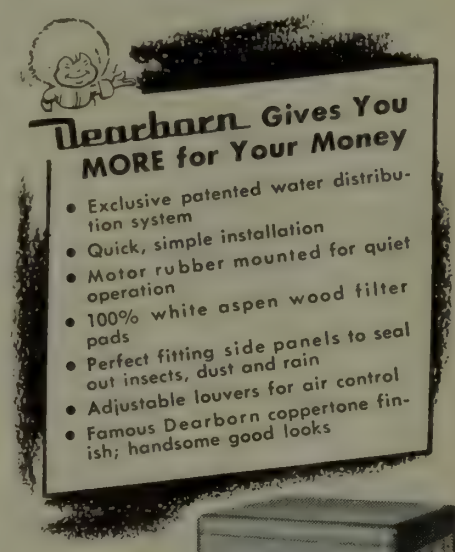


AIR CONDITION YOUR HOME AT AMAZINGLY LOW COST!



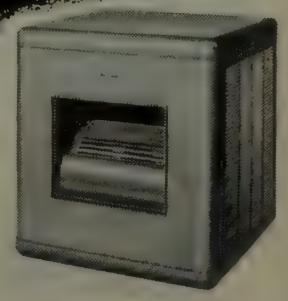
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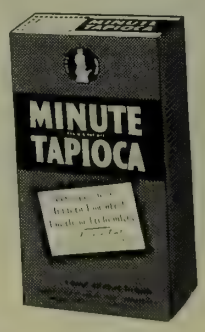


CHOCOLATE DREAM CREAM

1 egg yolk
2 cups milk
2 tablespoons Minute Tapioca
⅓ cup sugar
⅛ teaspoon salt
1 square Baker's Unsweetened Chocolate
1 egg white
2 tablespoons sugar
½ teaspoon vanilla

Mix egg yolk with a small amount of the milk in saucepan. Add remaining milk, Minute Tapioca, ⅓ cup sugar, salt, and chocolate. Place over medium heat. Cook until mixture comes to a full boil, stirring constantly—this takes 5 to 8 minutes. (Do not overcook . . . mixture thickens as it cools.) Remove from heat. Beat egg white until foamy throughout. Add 2 tablespoons sugar, 1 tablespoon at a time, and continue beating with rotary egg beater until mixture will stand in very soft peaks. Add hot tapioca mixture, stirring constantly. Add vanilla. Cool, stirring after 15 to 20 minutes. Chill. Serve in sherbet glasses. Garnish with whipped cream and pecan halves. Makes 4 to 5 servings of the dreamiest dessert this side of heaven. Looks so party-pretty, tastes so wonderfully good, no one would dare guess it's so quick and easy to fix. Economical, too!

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Please send me a FREE copy of "Miracles with Minute Tapioca," containing over 50 recipes for creamy desserts—fruit pies that don't run—fluffy omelets and soufflés—tender meat loaves that slice without crumbling—rich soups, stews, etc.

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CAN OPENERS

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General Eisenhower makes out-of-this-world potato salad and vegetable soup. Monty Woolley, "The Man Who Came to Dinner," often invites other people to come to dinner too, and serves his special Saratoga Potatoes. We've seen you men turning out masterpieces across the country, and we would like to have you share your prize specialties with us.

So send us your favorite recipes.

The stakes are high—there's $300 in the kitty for the men who win, place, or show. And you'll see the names of winners in print next September.

You each have 22 chances to win. If yours is the best-eating recipe we receive, first prize of $100 is yours. Or you may win second prize of $50, third prize of $25, fourth prize $20, fifth prize of $15, or sixth prize of $10. If you're not one of the top six contenders, you still have 16 chances to cash in at $5 a chance.

That's easy money! All you do is write down what you cook, and the family likes. Or what the gang goes for at a stag dinner or back-yard barbecue.

We'll try your culinary triumph in our kitchen. We'll follow your directions down to the last second of baking; the final touch of seasoning. We'll call in men to help judge the food.

Here are the rules:

1. Write your recipe clearly on one side of the paper, and mark it "Men's Recipe Contest."

2. Print your full name and address clearly in upper right corner of recipe page.

3. Whenever possible, give measurements in level cups, tablespoons, and teaspoons, avoiding guess-at amounts.

4. Specify in your recipe the brand names of any *nationally* known food products you prefer as ingredients, so we can test your recipe with the same brands you use.

5. Include 50 to 100 words about how you happened to make the recipe, and anything interesting about it.

6. All recipes submitted become the property of *Better Homes & Gardens.*

7. Entries must be postmarked by midnight, May 31.

8. Address your recipes to 5605 Tasting-Test Kitchen, *Better Homes & Gardens,* Des Moines 3, Iowa.

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Easy as a radio to install, easy as a piano to play—This Wurlitzer Organ comes ready to plug in and play. *Easy* to play, too—even for beginners. If you know just a little about playing the piano, you can sit right down and play this Wurlitzer. And how it responds to the touch of your fingers! Whether it's a gay party tune or the music of the masters, your hands create more than music . . . a great emotional experience!

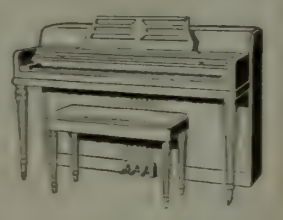
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Only Wurlitzer makes a complete line—If you haven't seen the Wurlitzers, you haven't seen America's only complete line of electronic organs. Not one or two, but *four* distinct models, each in your choice of finishes. Special finishes to match your home, if you wish. Prices range to $3895.

More people buy Wurlitzer Pianos . . . than *those of any other name. The reason is simple. Though no piano made contains finer parts or costlier materials, the Wurlitzer is priced far below other well-known makes. What makes this possible? Wurlitzer is the world's largest maker of keyboard instruments.*



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The Rudolph Wurlitzer Company, Organ Division
Dept. BH-549, North Tonawanda, New York

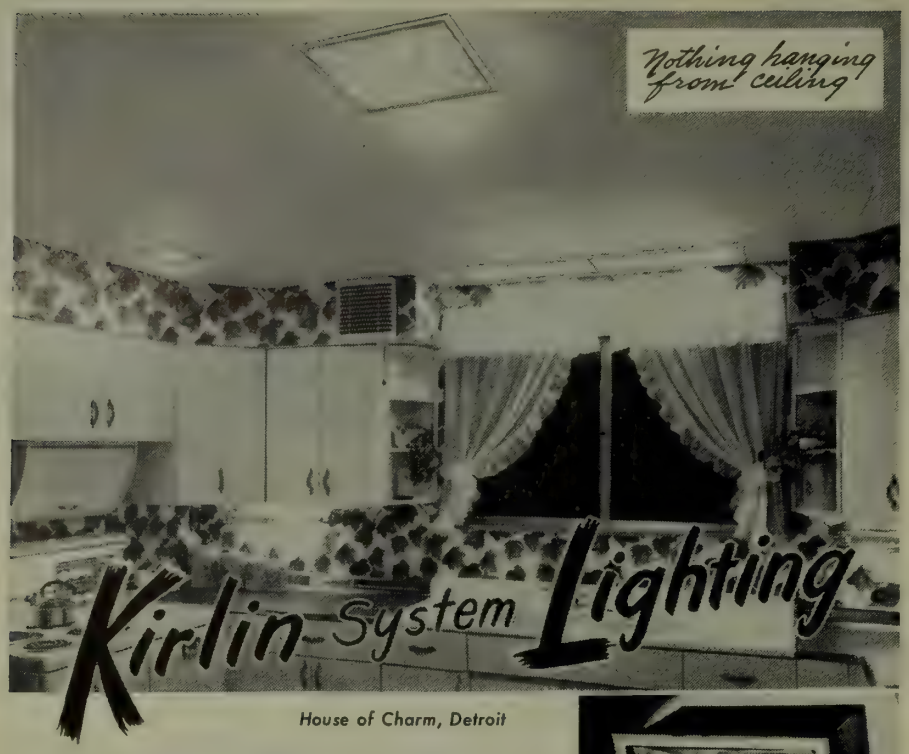
Gentlemen:

Please send me complete information about Wurlitzer Organs, and the address of the nearest dealer, at no obligation to me.

Name.....

Address.....

City.....**Zone**.....**State**.....

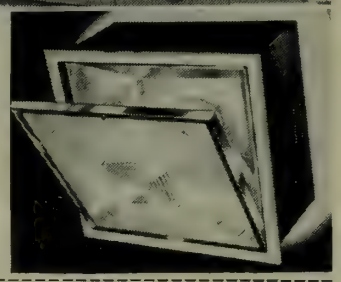


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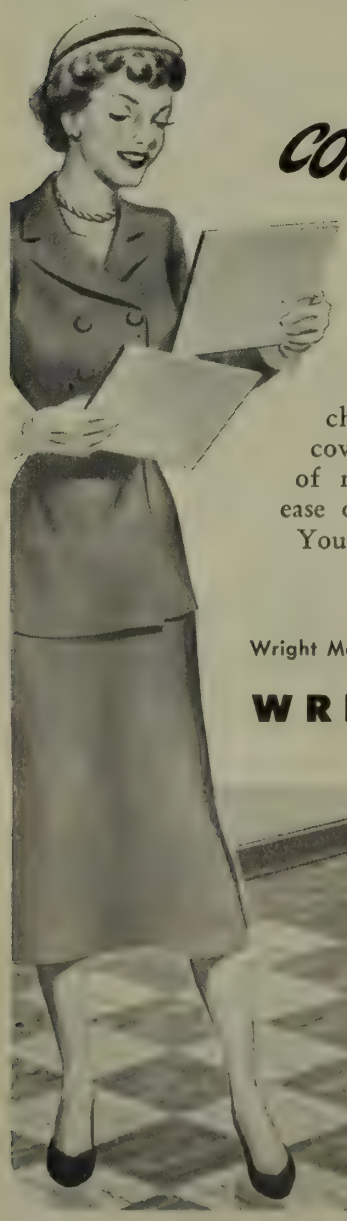
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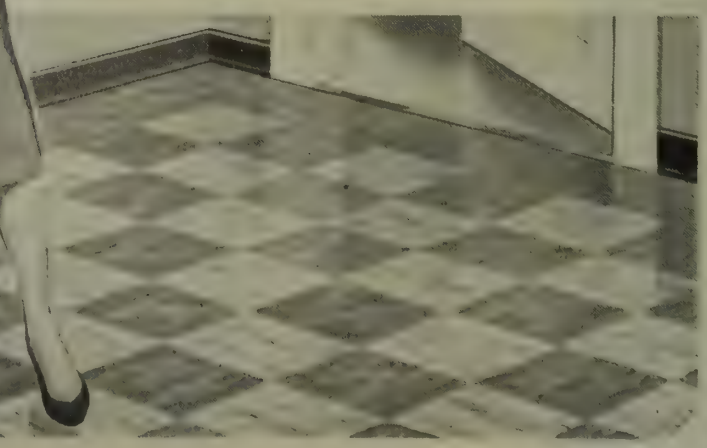


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Give your baby a chance to explore

Begins on page 233

against the pen. Most babies are content in a playpen until they learn to walk, and even after that for short periods. Occasionally, one will rebel at 9 or 10 months.

This age of exploration is apt to be a trying one for you. Your baby isn't old enough to be allowed unsupervised run of the house. Still, your housework has to be done, and you can't give up your whole day to watching Baby.

This need to explore is so important that it merits special planning on your part. Baby's curiosity is proof of his alertness and growing independence. To make him stay crying in his pen when he wants to get out is to hold back this period of development, and shake his confidence in himself—and in you.

Try to anticipate your baby's desire to roam. Lift him out of his playpen, chair, or crib *before* he tires of it. Then he won't get the idea that he is getting his way by crying.

Some of your housework can be combined with baby-watching. It's not easy, I'll admit, to work with a crawler or toddler underfoot. But a chance to poke and investigate is so important to your baby that it's worth your effort.

It's not too difficult to run the dustcloth over the furniture or the dry-mop over the floors while Baby wanders about the room. Or you can carry him upstairs and let him stay with you in the bedroom, with the door closed, while you make the beds.

Sure, he'll sample the contents of the wastebaskets, tug at the bedclothes, and play with the shoes in the closet. What harm if he does? You'll have an eye on him to make sure he doesn't get hold of anything dangerous.

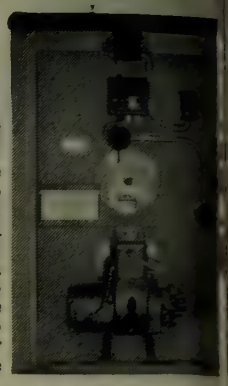
In good weather you can do small chores outside while your young explorer ranges over his own back yard. And when you go for a walk, let him take his little side trips to examine things that catch his interest.

During this phase of your baby's growth, it's well to clear the decks in both house and yard. Put breakable things out of Baby's reach. Valuable knickknacks should be put away. Otherwise, someone in your family may use them and forget to return them to a safe, high place.

Now is the time to substitute metal ash trays for glass or china ones. Move your treasured books to the highest shelves. Put Baby's picture books and magazines he can handle on the lower shelves. Check your house for safety. Lamps can be disconnected and their cords wound round their bases. Make sure there are no hazards in your kitchen if you let your baby play there when you're working.

You may feel that all these precautions are giving in too much to

LOOK AT THE FRONT PANEL when choosing a WINTER AIR CONDITIONER



● The control of the operation of a Kaustine De Luxe Winter Air Conditioner is located on the front panel of the furnace. This panel is in the front compartment where the burner is installed, entirely enclosed in the casing.

All these controls, the Protectorelay, the Extended Limit Switch, the wiring for burner and blower, together with the control of the blower (by the Airflo-meter) are positioned and wired at the factory for better and quicker regulation of the operation of the unit.

The Kaustine Winter Air Conditioner is a compact, complete unit within a beautiful blue and grey casing.

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- ( ) Rush data on HARDER-Freez ( ) Send copy of new 80-page illustrated book on home freezer use, for which I enclose 25c.

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Wake up with a HEADACHE?



That's the time for Alka-Seltzer

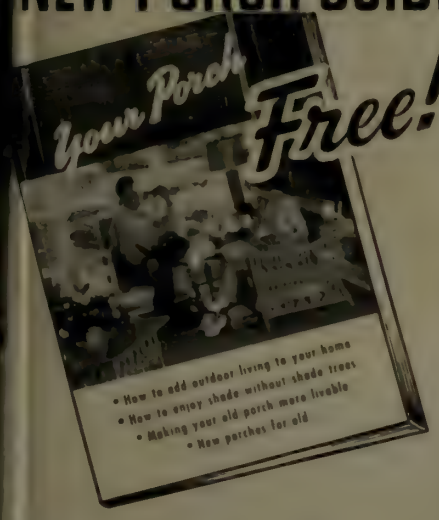
If you have never tried Alka Seltzer for headaches, find out how *fast* it works. There's nothing quite like Alka-Seltzer! It contains one of the world's most effective pain-relieving agents. It also contains alkaline buffers to speed relief. Alka-Seltzer's fizzing effervescence further *speeds* its pain-relieving action. The next time you have a headache, try Alka-Seltzer.

Alka-Seltzer

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Baby. True, he may be trained by the "no, no, no, mustn't touch" method. But really to learn he needs to handle and investigate everyting he can. To deprive him of this privilege in the interests of precise housekeeping is like cutting him off from a year or two of school to suit your own convenience—and you wouldn't think of doing that!

If you arrange these opportunities for your baby to explore, he'll be more content to stay in his crib or playpen when it's absolutely necessary for him to be there. And when he goes exploring with you, you'll be right at hand to enjoy with him the delights of his discoveries.

This will be the reward for your patience—when working with baby-on-the-loose seems difficult.

Dessert magic

Begins on page 64

Baba au Orange

1 14-ounce package roll mix
⅓ cup sugar
3 eggs
⅓ cup butter or fortified margarine
*Orange Syrup

Mix rolls according to directions on package; add sugar. Add eggs, one at a time, beating after each addition. Stir in very soft butter or margarine. Cover, let rise until double. Fill greased custard cups half full. Cover, let rise until cups are ¾ full. Bake in hot oven (400°) 20 minutes. Makes 8. Remove from cups, pour hot orange syrup over each. Garnish with orange sections and maraschino cherry slices. Serve immediately. **Orange Syrup:** Combine 2 cups sugar and 3 cups water; heat to boiling, cook until syrup spins a thread. Add 1 cup orange juice and 1 tablespoon grated orange peel.

Coconut Butterscotch Squares

1 package white cake mix
¼ cup butter or fortified margarine
1 cup brown sugar
2 tablespoons light cream or top milk
1 cup shredded coconut

Mix cake according to directions on package. Pour into greased 7- by 11-inch pan. Bake in moderately hot oven (375°) 25 to 30 minutes. Cream butter or margarine and sugar. Add cream or milk; mix well; add coconut. Remove cake from oven while warm, spread with coconut mixture. Broil until golden brown, about 5 minutes. Cool. Cut in squares.

Fruited Lemon Custard

1 package lemon pie filling
1½ cups diced orange sections
1 cup sliced bananas
½ cup moist shredded coconut
½ cup heavy cream, whipped

Cook lemon pie filling as for pie filling. Cool. Add orange, banana, and coconut; mix. Chill. Serve with additional orange sections and banana slices. Decorate with whipped cream and maraschino cherries. Serves 6 to 8.

Duran covered headboard by Serta Associates, Inc.



Beauty in any room



Comfort on all furniture

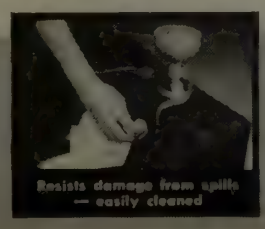


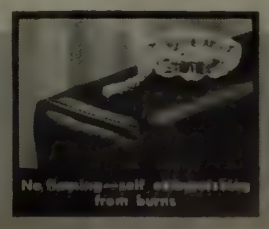
Color for accent or contrast

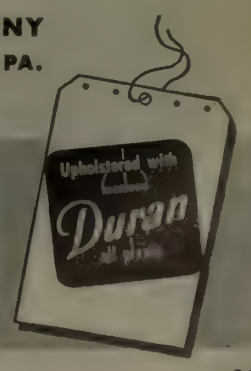
Colors that keep their beauty. Satin-smooth finishes that stand up to scuffing. A lustrous surface so easy to keep clean with a whisk of a damp cloth. . . . Duran cleans like magic.

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Redesigned for outdoor living—I

They bricked their lawn



Photographs: Fein



Here's proof that a front yard can be attractive and livable even when brick entirely replaces a lawn. Raised brick flower boxes against house front help make terrace a real garden



Upper service walk leads to rear from right side of front terrace. Easy transition between plantings makes walk an attractive part of the garden instead of just a necessary evil

Back terrace has everything needed for pleasant open-air living. If rain puts a damper on your own outside living, you'll appreciate shelter which makes terrace usable on wet days. Cupboards hold dishes and utensils for cooking and dining

We tell the stories of three homes whose owners found ways to get more from their outdoor living. Here is the first:

By E. L. Anderson
Landscape Architect

After redesigning their garden for outdoor living, Mr. and Mrs. Clyde Diddle are ready to offer you two bits of advice on your own project. The first is to start with a good, complete plan and follow it through without short cuts. The second is to emphasize simplicity and easy upkeep.

The Diddle's formula also included a willingness to do most of their own work—and plenty of bricks. In drawing up their three-year plan, they decided that lawns take too much care and eliminated all but a small play lawn in back. They used only plants needing little attention—mainly clematis, boxwood, azaleas, junipers, and ajuga along walks.

The house they bought in Oakland, California, was on a sloping lot with little usable garden space. Mr. Diddle moved all the earth to level it. He also laid every brick for front and back terrace, steps and walls, and did most of the carpentry work. Mrs. Diddle took over the job of painting and did it all herself; both worked on the planting.

Only the outdoor fireplace and a retaining wall were built by outside workers—and a carpenter helped just one day in framing the heavy timbers for the outdoor shelter!

More on page 244



Studebaker Land Cruiser

Studebaker's the '49 buy word

for a welcome new kind of low-cost mileage

ALL America knows that Studebaker sets the pace in distinctive styling—and this flight-streamed dream car is outstanding, too, for the way it holds down operating expense.

In gasoline savings alone, a new Studebaker does much to help keep many a family's income in balance with outgo.

What's more, owners of new Studebakers hardly ever face the problem of finding the money for costly repairs.

Even the brakes of a new Studebaker rarely require maintenance attention. They automatically adjust themselves to lining wear. You have the firm brake pedal feel of a brand new car for thousands of miles.

It's smart to be fussy this year in buying a new car. Make Studebaker's low-cost mileage your measure of real money's worth.

White sidewall tires, wheel trim rings, available on all models at extra cost.



You're delighted by the luxury of refreshingly different decorator fabrics. Pictured is the interior of Studebaker's long-wheelbase Land Cruiser sedan with nylon upholstery superbly tailored over foam-rubber seat cushions.



You use amazingly little gas even on long trips in a postwar Studebaker. Yes, whether on the open road, or in stop-and-go city driving, you can always count on a Studebaker engine to give brilliant, low-cost performance.



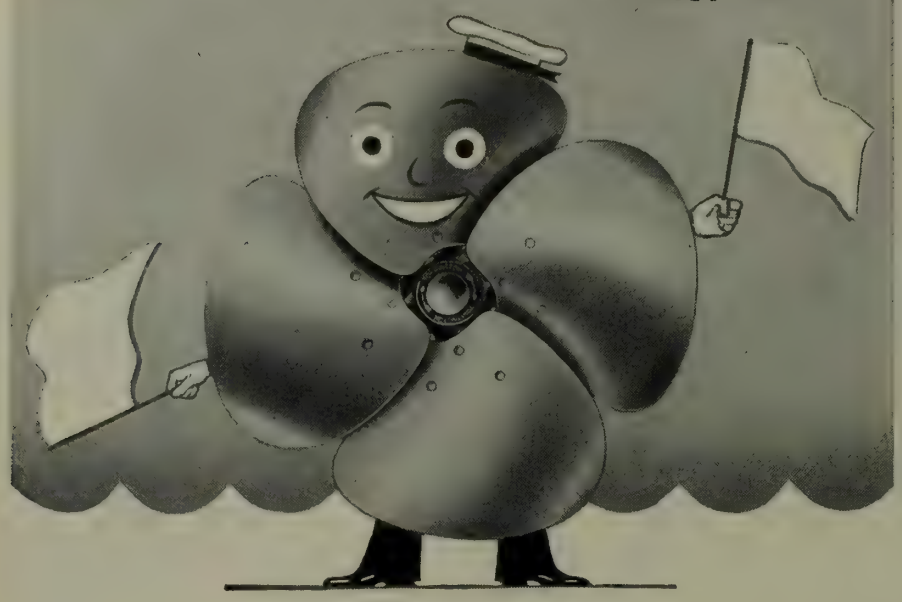
Your brakes keep a "like new" feel for many months and miles. They're the world's first self-adjusting brakes —a welcome Studebaker postwar advancement for increasing the safety, pleasure and economy of your driving.



Craftsmanship you can trust—Men of conscience as well as competence, many of them members of father-and-son teams, build Studebaker cars to the very highest standards of quality.

Studebaker Corp'n, South Bend 27, Indiana, U. S. A.

Get set for COOLER Summer Living



I'm Going around in Circles

TO BRING YOU A SUMMER FULL OF COMFORT!

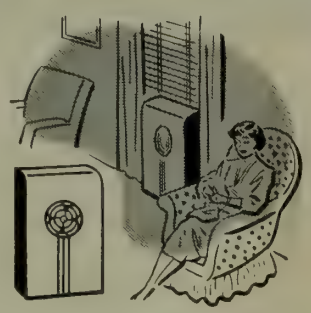
Why suffer with the heat this summer when you can keep cool and comfortable with modern Air Moving Equipment? For you can escape to a summer retreat *right in your own cool home* — just with the flip of a switch!

You'll sleep right every night, wake cool and refreshed the next morning and be more comfortable all through the day when your home enjoys the comforts of air-circulating equipment!

But be a wide-awake shopper when you buy cooling or ventilating equipment: — always remember that the comfort derived from a modern air moving unit depends on the design and durability of its Air Impeller. You'll be *doubly* sure of quality and comfort if it's equipped with a Torrington V*air*ified Air Impeller!



WINDOW FAN



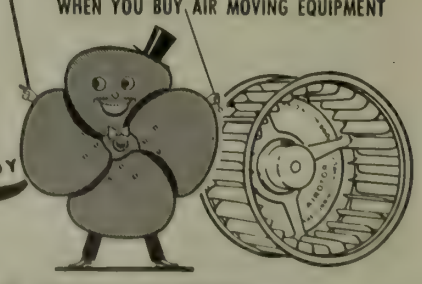
ROOM COOLER



FLOOR FAN

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Comfort FROM AIR MOVING EQUIPMENT

THE TORRINGTON MANUFACTURING COMPANY, TORRINGTON, CONNECTICUT

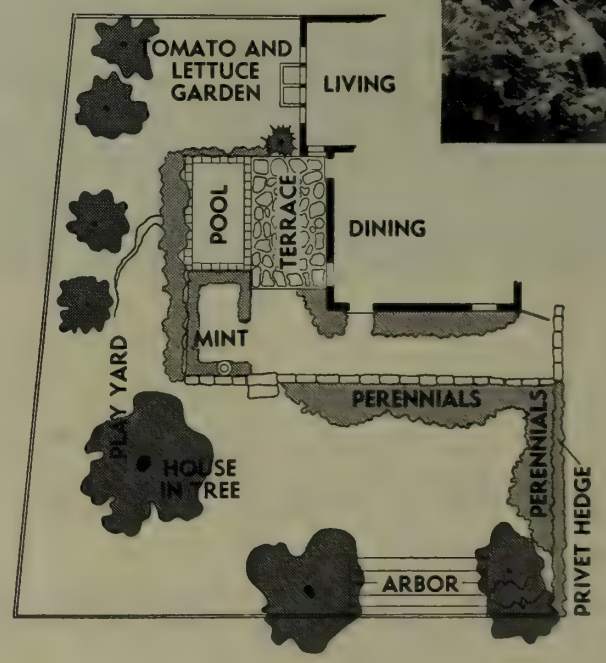
Redesigned for better outdoor living—II

They put a lot

By Katherine M-P. Cloud



Heart of the Kingsley garden is the small terrace used for lounging and dining. An idea for your own garden is awning of slats from old Venetian blinds, woven together with waxed cord and spaced to let air through. Slats rest on wood framework supported by house on one end, iron poles on the other. The small pool was made with lots of help from willing neighbors



Photographs: Pritche



Your own child would appreciate this part of the garden—a corner reserved strictly for the things youngsters like to do. Overflow from the pool trickles on to form a small stream where the boys sail their boats and dig canals. Overflow is regulated so ground never becomes swampy

in a little space



If your garden is small, you can get many ideas for making the most of it from the William K. Kingsleys. Their lot is 89 feet wide with an average depth of 75 feet—and the house takes up a good part of that.

They had another problem besides size, since their house is a twin. They used a high stake fence and evergreens and shrubs to give privacy. In their garden they put a terrace, pool, arbor, flowers, and a special corner for children—without crowding.

Now look at the garden plan and the pictures to see how the Kingsleys did it.



Gate from front opens on a narrow raised lawn between side of house and a low stone retaining wall. Climbing roses cloak house side; perennials grow against retaining wall. A mint garden at end of raised lawn may suggest a hobby garden of your own; this one has six kinds of mint

More on next page

Malarkey doors



M&M trade mark gliders protect Malarkey door corners from damage. Warehousemen, dealers and carpenters safely slide Malarkey doors on these gliders. They are easy to remove.

NOW *Trademarked* **FOR YOUR IDENTIFICATION AND PROTECTION**

The bottom corners of all genuine Malarkey doors now carry metal glider plates bearing the M and M red diamond trade mark. This patented feature not only identifies Malarkey doors—it also protects the corners from damage during installation and makes handling easier and faster. Specify Malarkey doors and get the greatest value, in quality and convenience.



RESIN SEALED

Be sure to specify resin sealing on your Malarkey doors. Resin sealing puts a protective, moisture resistant coating on the door and provides an ideal base for paint, stain or varnish. Resin sealing optional at slight additional charge. Saves painting costs. Reduces warping.

PREFITTED

At a small extra cost Malarkey doors are prefitted to standard heights and widths. On large orders milling for locks and hinges at the factory greatly reduces "on-the-job" costs.

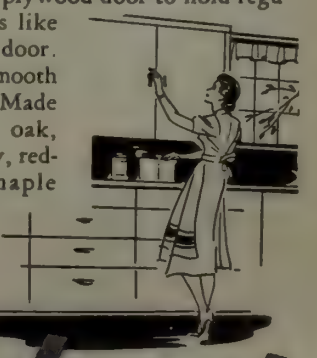
M and M DOORS WELL KNOWN BY TRADE

For 30 years M and M Wood Working Company has supplied a large part of the doors and plywood used throughout the world. From nine big modern Malarkey plywood and door plants and huge timber holdings in the Northwest have come millions of quality doors, of every size and description—fir, redwood, birch, oak, mahogany, and other woods. Malarkey doors are distributed by leading wholesale and retail building material dealers everywhere. Made by M and M Wood Working Co., Portland 3, Oregon, U.S.A.

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Malarkey doors

Detail Quality at Stock Door Prices

M&M

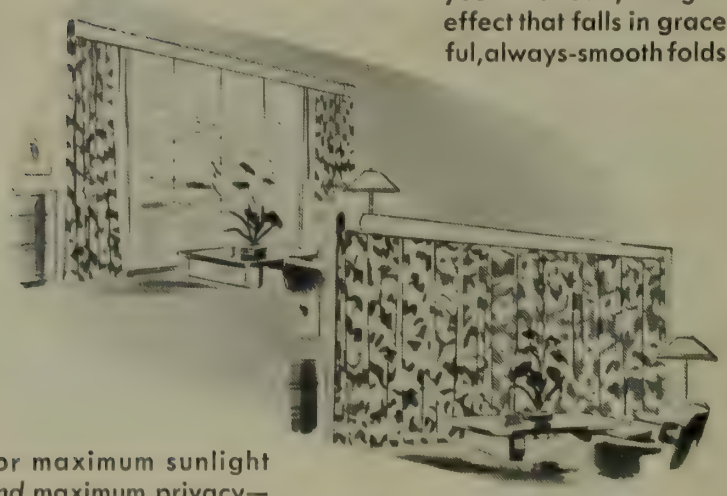
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THE JUDD IDEA BOOK of practical, pretty new ideas for window decoration. Send 15¢ in coin to Dept. BH3, H. L. JUDD COMPANY, WALLINGFORD, CONN.

They put a lot in a little space

Begins on page 240



A tomato and lettuce patch is the strictly practical corner of the garden. An idea you may want to copy is the sash-covered frame built against a cellar window. Heat from basement and from sun on the sash gives enough warmth to start seeds in early spring. Mr. Kingsley uses it to beat the calendar when starting flowers

Mayer



Meals are seldom eaten indoors in summer since terrace is located convenient to kitchen and food rolls out without effort on a serving cart. Sun awning shown on first page provides shade for terrace. Kingsley children heartily approve the idea



Ask your own youngster what he thinks of this idea. The hou in a big apple tree is something right out of a boy's drear Ladder leads up to a trap door. A pair of bunks makes thi perfect place for camping out and sleeping in cool comf

For more ideas for outdoor living, see pages 238, 274



SHE'LL WHISTLE WHILE SHE WORKS for here's a happy combination of more beauty and less work for mother! Notice how that easy-to-keep-clean Sloane-Blabon floor gives this Utility Room the decorator's touch. The diagonal effect, which makes any room look larger, is achieved with alternate strips of Marbletone Linoleum, patterns 0107 and 0170. The handsome edging is Koroseal* Cove Base. You'll even find work-saving beauty above the washer! It's Sloane-Blabon Resilient Enamel Wall Covering.

*® B. F. Goodrich Company

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Planned for work-saving beauty with the better design and truer color of Sloane Quality Linoleum Products



You can do it—*easily!* For it's no trick to give old space a new beauty treatment. Just start with the floor, as decorators do—as we did to create the livable charm of these inviting rooms.

Yes, start with your nearest Sloane-Blabon department when you want a room to be useful *and attractive.* You'll get decorating ideas aplenty from the many stunning designs and matchless colors—in Sloane Quality Inlaid and Marbletone Linoleum . . . Koroseal, the miracle plastic, in Tile, Cove Base and Cove Molding that never shows its age . . . a new and better Asphalt Tile that costs so little and wears so long . . . Resilient Enamel Rugs, Floor and Wall Coverings. All so delightful to live with—for their lovely looks . . . for the ease with which you can keep them clean and sparkling with brilliant newness.

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CHILDREN WILL PLAY—and what a grand idea to have their playroom right off the kitchen. Mother can cook and still keep an eye on the kiddies. Another help to mother is that beautiful floor—Sloane-Blabon's Resilient Enamel Rug, pattern 3210. Inexpensive, yes—but how wondrously well it wears! How easily it cleans! The Cove Base is Koroseal—the miracle plastic that never needs painting!

MOTHER'S DAY gets off to a pleasant start in this breakfast-room beauty. With that handsome Sloane-Blabon Marbletone linoleum floor it's the brightest, cheeriest spot in the house. That wonderful "roomy look" comes from using alternate strips of patterns 0191 and 0197, laid diagonally. And here's an added attraction for mother . . . this floor is so easy to keep clean and sparkle-bright!

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How to have warmth where you want it



No dusty, space-stealing radiators for today's home builders and buyers. Instead, slim Trane "Active Air" Convectors recessed in the walls, out of the way, painted to match any decorating scheme.

Self-propelled comfort is the secret. 1. Air is drawn in at the bottom of the Trane Convector. 2. Instantly heated by aluminum fins and copper tubes. 3. Warm air passes into the room and diffuses evenly from floor to ceiling.

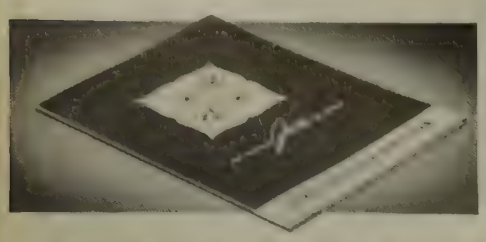




So safe! So healthful! Unlike old-fashioned radiators, Trane Convectors have no exposed hot surfaces to burn hands or mar furniture. No drafty, cold spots near the floor. Less heat wasted overhead. Fuel costs are low.



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FREE! Full color booklet! Avoid disappointment later by getting facts about Trane Convectors now. Write for "How to Live in June All Winter." Dept. C-59, Trane Company, La Crosse, Wis.

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Trane Company, Ltd. of Canada, Toronto

SUCCESSOR TO RADIATORS
TRANE
"ACTIVE AIR" CONVECTORS

They bricked their lawn

Begins on page 238



Brick steps connect lower service walk on left side of house with the back living terrace. The lawn above low brick wall in background is the only grass area the Diddles considered necessary; it is used as a play area for their two daughters



Since lot slopes steeply, retaining walls are necessary on all sides. This one in front is brick, and junipers are used on bank between wall and terrace. They'll do as well for you if you want a handsome slope planting that needs very little care



Upper service walk is bordered by blue ajuga which grows in shade and needs no mowing. Azaleas and ferns grow between low brick wall and a neighbor's retaining wall. Clematis vines trained on wires on retaining wall will soon hide concrete

For more ideas for outdoor living, see pages 210, 271

Modern Room Magic with *Spred Finishes*



The drab, uninteresting corner at left has become an attractive home entertainment center the whole family enjoys. You can add modern beauty and distinction to any room in your home with SPRED-Flat and SPRED-Luster—the million-dollar paint discoveries that are so easy to apply... so washable...so inexpensive. Interesting details of this room, with ideas for your own home (note television corner) are available FREE.

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From Glidden's Color Research Laboratory (the world's oldest and largest), comes an array of decorator hues for modern or traditional homes . . . colors formulated into the finest, longest-wearing paints money can buy. The Glidden Company, Cleveland 2, Ohio.



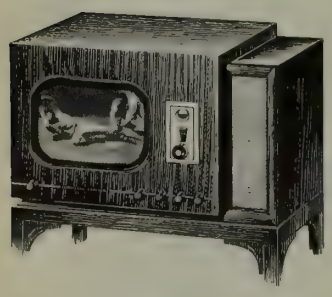
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FREE! *Helpful folder, "How to Frame your Photo Portraits" by home-stylist Francis Ainsworth. Write for your free copy today.*

S. E. OVERTON COMPANY, South Haven, Mich.

Ways to improve your stonework

Ledge rock is one of those materials that seem made especially for use in the garden. It can be laid without mortar, is suitable to varied uses, and fits well into almost any surroundings. Best of all, its beauty improves with age as weather, moss, and plants make it appear to have been always a part of your garden.

You'll get more out of your stonework if you learn a few of the tricks of using it. The most important thing to remember is that dry walls (those made without mortar) are held together and resist the weight of earth behind them entirely by the weight and friction of the rocks.

For that reason, be sure to lay each stone so that it bears firmly on parts of at least two others below it. That way joints are broken, weight is distributed, and the stones hold each other in place.

You won't have to go below frost line for a foundation because rocks shift with frost action instead of cracking. Even so, the bottom layer of rocks should be laid in a trench about eight inches deep to prevent the wall from sliding under the thrust of earth behind it.

If you plan to put plants in your wall, put good fertile soil behind it and in the crevices, and leave planting pockets. It's easiest to set plants as you lay the stones.

Now read on to find other ways to make your stonework stronger and better to look at.

Photographs: Stanley



Here's the kind of mellow beauty you can expect from your rock wal after a few months' time. The slight slope-back of the wall face is needed in a planted wall in order to let rain fall on all plants and run back t roots. For advice on how to grow rock-wall plants, turn to page 11

More on page 241



STANDARD, in satin chromium finish, $6.00. Other finishes from $6.50 to $7.50.



WHIRLWIND, in chromium plate with enamel, $9.00. Other finishes from $7.50 to $9.00.



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NEWPORT, in luxurious silver plate, $9.00 (plus tax).



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All models shown in reduced size.



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Ways to improve your stonework

Begins on page 246



Stone needn't always be laid in straight lines; here the walls curve ou for easy and friendly access to steps. Mark out curves before you begi or you'll have trouble. Pick out rocks with rough arcs on one face fo rounded corners; shorter blocks are also handy for laying curve



Horizontal lines help make objects look lower and broader. Put that principle to work by using thinner blocks of stone wherever you want to minimize height. These steps look longer, lower, and safer because of such treatment. Be sure no part of stonework rests on steps or walks

More on page 288

DO'S and DON'TS when making DRAPERIES



THIS BOOK TELLS HOW

to make draperies and slip covers that are more beautiful . . . more distinctive. Contains many other valuable decorating hints, too. Ask for "Interiors Beautiful" and enclose 25c in coin or stamps. Address 1329 McHenry St., Louisville, Ky.

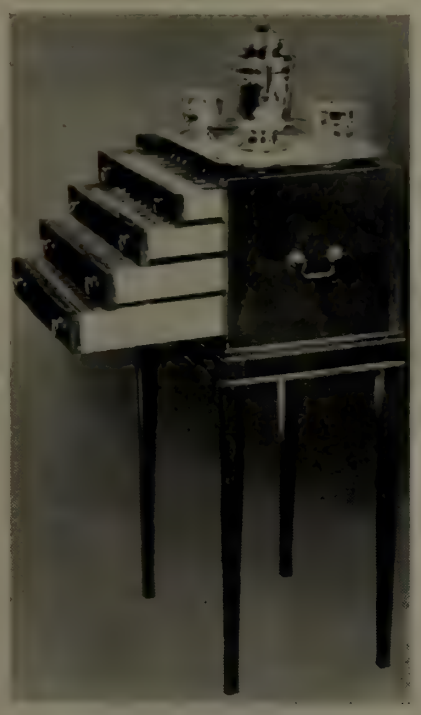
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LOUISVILLE TEXTILES, INC.
LOUISVILLE, KY.

Cabinets for special jobs

The two cabinets shown on this page are well designed for the jobs they perform. The telephone cabinet helps eliminate clutter, gives even your telephone corner a well-furnished look. The silver cabinet is designed to hold a service of 12 in flat silver, and its top is always handy to act as a serving table. If your spring plans include organizing space to better advantage, these cabinets may be the answer.



Telephone cabinet, with phone permanently tilted at best angle for dialing, has stationary top at right to hold lamp and form writing table. Space beneath holds several large directories. Lift top has holder for much-used phone numbers. Both cabinets shown on this page are made in mahogany or walnut with brass hardware.



Silver cabinet, lined with tarnish-resisting flannel, planned to hold a service of 12 in flat silver, fits into small space. The cabinet can be removed and the table that supports it can be used as an end table or a lamp table.

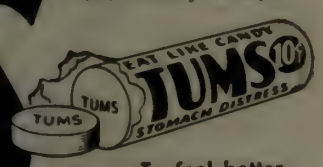
Where to get it, page 127

Stepping Out?

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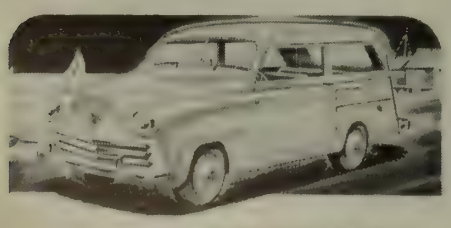
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CROSLEY
a FINE car

Have you heard?

Begins on page 27

Fewer mosquitoes

Entomologists from the U. S. Department of Agriculture, in cooperation with Canadian authorities, have solved the problem of mosquitoes that breed in isolated pools left by melting snows. Now they dust the snow with DDT by plane. When the snow melts, the pools left behind contain a solution of DDT, enough to control effectively the mosquito wigglers that grow up to take the joy out of hours in the open. Because these breeding pools are not connected to treated bodies of water, the methods for mosquito control used in the past have not been effective.

Flowers bigger than dinner plates

For a flower to stop traffic, nothing I've seen beats the Henderson Hibiscus. These hybrids have flowers 12 to 14 inches across—exotic looking and really brilliant. They're an improvement on the hibiscus group known as the Mallow Marvels, and have been wintered successfully in Toledo, Ohio. But, even if you must treat them as bedding plants, and take them up in the fall, they're sensational. They're sold in mixed colors, and come in red, white, and pink.

Dandelions preferred

Too many dandelions may reduce your apple crop. Over in Indiana scientists have found that if orchards are heavily infested with dandelions, the bees prefer to work on these low-growing weeds rather than be buffeted by the winds higher up. As a result, pollination and the resulting apple-set are poorer. Thus, clearing out the dandelions may get you more apples.

Mushrooms to your order

For the past few months I've been cutting mushrooms from a new home outfit designed to supply family-size crops of these luxury items. This outfit consists of two trays filled with a suitable mixture of organic materials that have been sterilized to kill odors, treated with mushroom nutrients, and impregnated with pure-culture mushroom spawn. Any mushroom that shows up is an edible type. I'd say these were the flavorsome Meadow mushroom, (*Psalliota capestris*) with clear pink gills and firm white flesh. The only requirements in care are a temperature between 52 and 60 degrees, and reasonable attention to watering. Two trays (cost about $3 for two) produce for several months. I'm told these trays will again be generally available after October 1 from seedsmen.

Know your beans

Do you know that tiny immature buds often drop off your bean plants in hot weather and cut your yield greatly? You can check just how many you're losing by laying white paper under the plants during a hot spell. You'll be amazed. You can get around this loss by planting some of the new bean varieties bred especially for resistance to heat. Rival, Logan, and Florida Belle are all good green snap beans with this heat resistance. In Limas, choose Triumph, Peerless, and Fordhook 242.



Endow every meat dish with the glory of *good* gravy! Make sure of the *richness* by adding Lea & Perrins Sauce just before serving. Try Lea & Perrins *Taste* the tempting, *fuller flavor* it gives to brown gravies, cream sauces!

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TIME-SAVING DISHWASHING

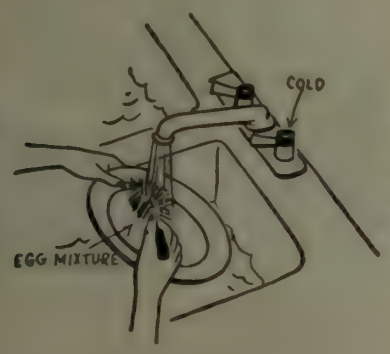
There's an easier way

By Janice Price



Clearing table

• Cut trips from dining room to kitchen by carrying dishes on a large tray, cart, or service table on wheels. See carts in "Put your work on wheels," page 70.

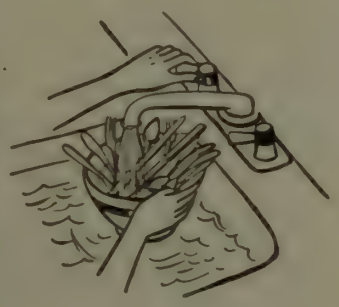


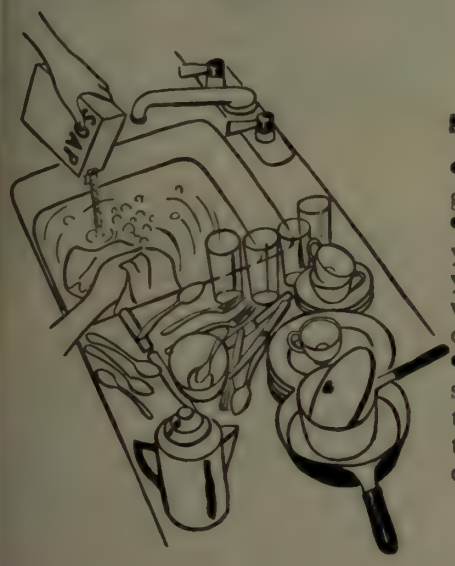
Scraping dishes

• Scrape dishes immediately, using a rubber scraper.
• Rinse under faucet, swishing with brush. Use cold water for egg, cheese, or starch mixtures; hot water for anything sticky or greasy.

Soaking

• Wipe greasy skillet with paper toweling.
• Put pans to soak immediately.
• Stand any sticky mixing spoons or utensils, handles upright, in a bowl of warm water.



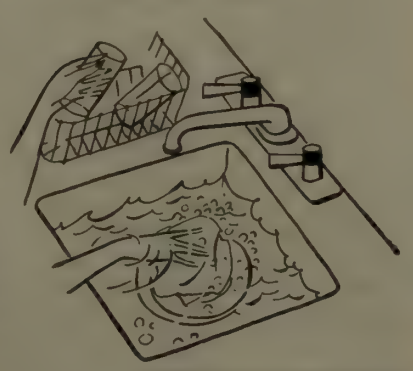


Stacking

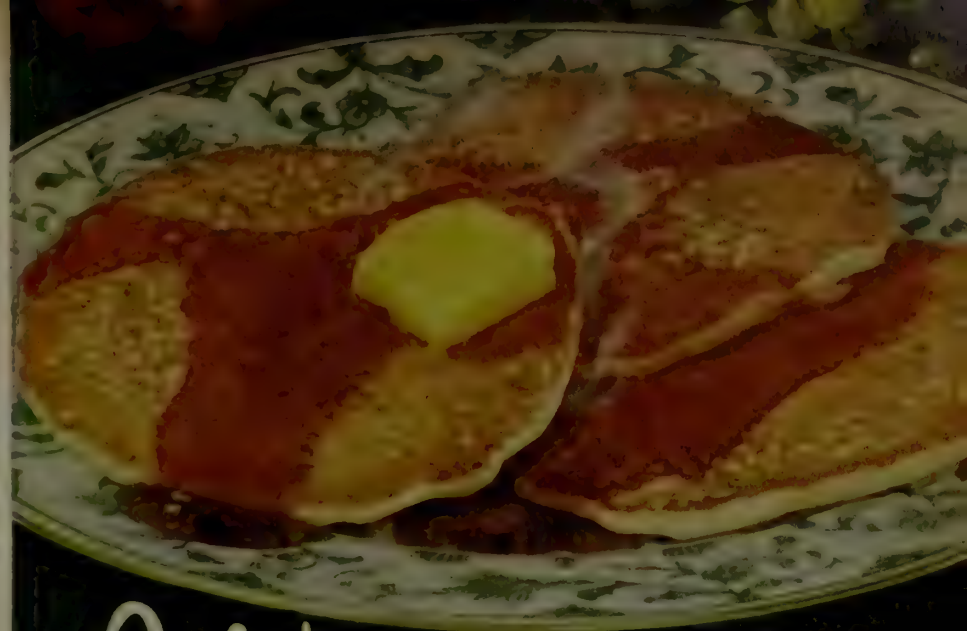
• Stack like kinds and sizes together.
• Place at sink side in the order you're going to pick them up as you wash them—glasses and silverware nearest the sink, plates and cups next, then pans.
• If your sink's so low you must stoop to wash dishes, put a rack in the bottom. Get your handy man to make one of wood, give it several coats of waterproof varnish.

Washing

• Use water as hot as the hands can stand.
• If you're right-handed, you'll save motions if your washing water is at the right and your rinsing section at the left. The right hand handles the dishcloth, the left hand places clean dishes in rinse compartment.



More on next page



Quick as a click.... Light as a song

Quick! . . . Just a stir and a flip from package-on-shelf to fragrantly steaming pancakes-on-plate.

Light! . . . Stay away, breeze—don't flutter these golden-brown miracles of lightness! . . . (They're miracles of economy, too. A few pennies per serving—butter and syrup included.)

Quick-Light

PILLSBURY PANCAKES

PLAIN AND BUCKWHEAT

PRETTY TRICK WITH APPLES



Being so royally good, *Quick-Light* Pillsbury Pancakes lend themselves happily to all sorts of intriguing variations. Here Ann Pillsbury hides wafer-thin apple slices in the pancakes, and tops them alluringly with cinnamon-apple syrup. How can you wait to get a package of Pillsbury Pancake Mix?

Ann Pillsbury's CINNAMON APPLE PANCAKES

Makes sixteen 4-inch pancakes.

Combine 2 cups **Pillsbury Pancake Mix**
2 cups **milk**

Pare.....2 medium-size **apples** and cut into very fine slices.

Pour.....batter on hot, lightly-greased griddle, using about ¼ cup batter for each pancake.

Cover.....top of unbaked surface with apple slices.

Bake.....until edges start to dry. Turn and bake on other side.

Serve.....warm, in stacks, with cinnamon apples. Top with butter and cinnamon syrup.

Cinnamon Apples and Syrup: (*Prepare before mixing pancakes.*) Combine 2 cups sugar, 1 cup water, 2 cinnamon sticks (or 3 drops oil of cinnamon) and ¼ teaspoon red coloring in shallow saucepan or skillet. Stir until sugar is dissolved. Cook syrup for 5 minutes. Cut 4 apples into thick slices. Place apple slices in hot syrup and simmer until tender, turning frequently. Remove apples and continue cooking syrup to desired consistency.



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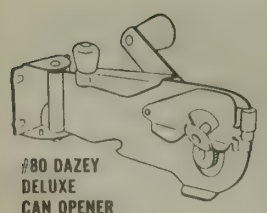
As photographed at L. Bamberger & Co., Newark

Solid Mahogany by **Hungerford, Memphis**



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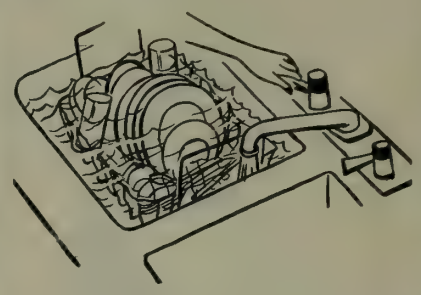
Form a DAZEY CHAIN of Kitchen products
CAN OPENER • KNIFE SHARPENER • JUICER • ICE CRUSHER • BLEND-R-MIX • NUT CRACKER
FAMOUS DAZEY CHURNS

There's an easier way

Begins on preceding page

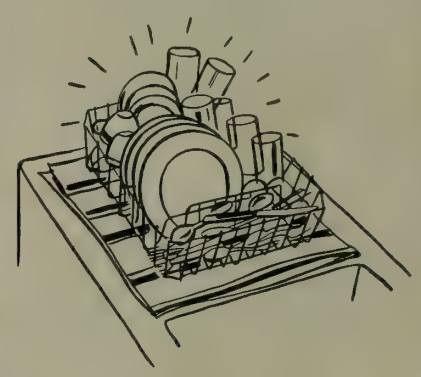
Rinsing

- Rinsing by letting dishes stand covered with steaming hot water for about 2 minutes is the best method; it heats dishes thoroughly.
- A temperature of 180 degrees, hotter than hand can stand, is right for rinsing.



Drying

- For extra speed, dry glasses and silverware with two towels, one in each hand.
- Plates and china can air-dry in drainer.



Putting away

- Store dishes within arm's reach of washing area if possible, to save steps and motions.
- Stack as little as possible.



With a can of soup

Begins on page 204

Spring Chicken Pie

1½ cups cubed cooked chicken (1 6-ounce can boned chicken)	½ cup cubed cooked carrots
1 10½- or 11-ounce can condensed cream of mushroom soup	½ cup cooked peas
	¼ cup cup vegetable liquid
	2 cups biscuit mix

Combine chicken, soup, carrots,



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THE DASH THAT MAKES THE DISH

A.1 sauce

Attention Dog Owners! *Better Homes & Gardens* new book, "Your Dog and Mine," is an authoritative guide for the care and training of your dog. $1 from 7605 Meredith Bldg., Des Moines, Ia.

peas, and liquid. Heat to boiling. Pour into 1-quart casserole. Prepare biscuit mix according to directions. Roll or pat ½ inch thick. Cut in rounds and place on top of chicken mixture. Bake in hot oven (450°) 20 to 25 minutes. Serves 5.

Tuna-Celery Bake

- 1 6-ounce package egg noodles
- 1 10½- or 11-ounce can condensed celery soup
- ½ cup milk
- 1 7-ounce can tuna, flaked
- ⅓ cup buttered crumbs
- ½ cup grated American cheese

Cook noodles in boiling, salted water until tender. Combine soup and milk. Alternate layers of noodles and tuna in greased 1½-quart casserole. Pour soup mixture over tuna and noodles. Top with grated cheese and buttered crumbs. Bake in moderate (350°) oven 20 minutes. Garnish with stuffed olive slices and parsley.

Southern Burgers

- 1 pound ground beef
- 2 tablespoons fat
- ½ cup chopped onion
- 1 10½- or 11-ounce can chicken gumbo soup
- 2 tablespoons catsup
- 2 tablespoons prepared mustard
- ½ teaspoon salt
- Pepper

Brown meat in hot fat; add onion and cook until golden. Add remaining ingredients. Simmer over low heat about 30 minutes. Serve on hamburger buns. Serves 6 to 8.

Macaroni Dinner

- ½ cup chopped onion
- 1 clove garlic, finely chopped
- ⅔ cup chopped celery
- 2 tablespoons fat
- 1 12-ounce can luncheon meat, cut in sticks
- 1 10½- or 11-ounce can condensed tomato soup
- 1¼ cups water
- 1 teaspoon salt
- ¼ teaspoon pepper
- 1 6-ounce package 7-minute macaroni

Cook onion, garlic, and celery in hot fat. Add meat; brown lightly; add remaining ingredients, except macaroni. Simmer 30 to 40 minutes. Cook macaroni in boiling, salted water; drain. Place on warm platter; pour over sauce. Sprinkle with grated Parmesan cheese, if desired. Serves 8.

Quick Vichyssoise

- 1 cup milk
- 1 10½-ounce can condensed cream of chicken soup
- 2 cups cubed uncooked potatoes
- 1 cup sliced leeks
- ¾ cup chopped onion
- 1 cup water
- ½ teaspoon salt
- Dash pepper
- ½ cup heavy cream
- 1 tablespoon finely chopped chives or parsley

Blend milk and soup. Combine potatoes, leeks, onion, water, and seasonings. Heat to boiling. Cover. Simmer 15 to 20 minutes, or until potatoes are tender. Drain; measure and save ¼ cup vegetable liquor. Press potatoes, onion, and leeks through fine sieve. Add vegetable liquor, soup mixture, and cream. Mix well. Serve hot or chill 4 or 5 hours. Sprinkle each serving with chives or parsley. Serves 6.



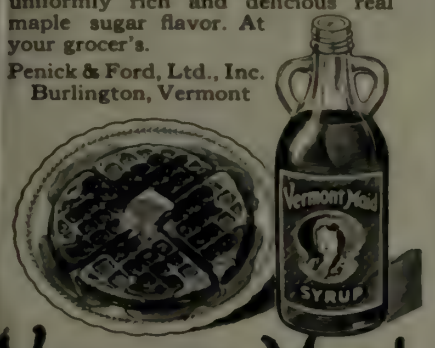
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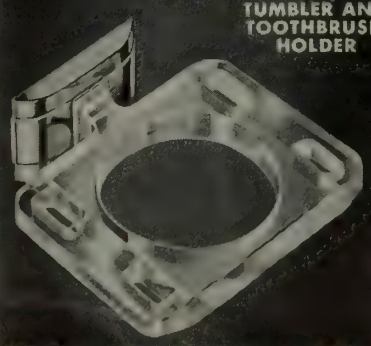
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HALL-MACK COMPANY
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House o' my heart

Begins on page 52



Walls and ceilings throughout the house are knotty pine. Kitchen, which is small but handy and adequate for our needs, has off-white walls and a pale blue ceiling, with knots purposely wiped free of paint so their pattern will show



We have only one bedroom, but two bunks recessed into opposite walls of the living room give us added sleeping space. Bookshelves at head and bedding storage at foot make bunks convenient for guests to use and for me to make



Our bedroom has the same color scheme as the kitchen. All hardware is wrought iron, made by an old forging shop in nearby Kirtland. The doors have thumb latches—there's not even a doorknob to polish! Floors in bedroom and throughout the house are 2-by-6 oak planks stained dark and waxed

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and only two . . . when you select wallpaper



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Directions on Label

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Alexander Smith

FLOOR-PLAN RUGS 1845 BROADLOOM CARPETS

Ladies— be seated

The small chair is something that can prove very practical and useful for any room in the house. Ideal for small rooms and particularly for bedrooms, small chairs can be used in pairs in bay windows, halls, or at the foot of beds. Here are two new small chairs, now in stores:



Ladies' chair of mahogany was inspired by those used in mansions of the old South. With a marble-topped coffee table (right) as companion piece, you have an ideal setting for sewing, or serving tea

Photographs: Hedrich-Blessing, Ltd.



Slipper chair in cherry-red velvet makes a gay accent for a bedroom with patterned wallpaper. Chair is small enough to tuck into a corner, can take a man's weight

Where to get it, page 127



The Most **Beautiful, Colored POPULAR-PRICED Curtains in America**

The magnificent, colorful Beacon Luxury Sheer, illustrated, headlines a diversified array of Beacon-Net Curtains for spring. Lovely, lacy textures with beautifully colored patterns. All washable. At fine stores, or write for your dealer's name. Beacon Looms, Inc., Dept. B, 261 Fifth Ave., New York.

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DECATUR, ILLINOIS, U. S. A.

Your dog and mine

By Russell K. Lowry

Photograph: George Fletcher



Certain breeds, like terriers, need plucking for a streamlined look

Should we clip our dog's hair? I notice many breeds are clipped before they are exhibited in dog shows. —R. A. S., Ohio.

Shearing your dog's hair down to the bare skin for so-called hot-weather comfort removes natural protection against insects, sunburn, colds and is uncomfortable. However, barbering a dog for streamlined appearance is something else. Standards of all terriers, poodles, and several other breeds, call for "plucking" or "trimming"—it's a must for the show ring. It means removal of excess hair in certain parts of the dog's body with a plucking instrument—not a clipping machine. It takes someone who knows each breed to do it according to standards.

We were given a 1-year-old dog who hasn't been taught obedience and good manners. Is he too old to train?—C. M. D., Rhode Island.

Personally, we don't believe there's a grain of truth in the old saying, "You can't teach an old dog new tricks." In fact, an 8-year-old purebred chow chow in Michigan, only recently trained, just won his CD (companion dog) obedience title. Another "wild," untrained 5-year-old Irish setter we know became the most gentlemanly animal you ever saw after a few weeks of training.

Our town is literally overrun with packs of roaming dogs. They kill chickens, destroy gardens, mess up lawns, molest children. What can we do about it?—Mrs. A. G. Mc., Oklahoma.

It's a tough situation. Try to enlist the help of your local newspaper to: (1) wage an educational campaign, directed to dog owners; (2) demand more and better dog-catching. Editorials should point up the hazards facing the roaming dog and his owner. A roaming dog is wide open to be stolen, hit by a car, poisoned, shot, killed or maimed in a fight. Pointing out the owner's liability for damage and injuries inflicted by his dog will jolt some owners too.

My dog shakes her head, runs in circles, paws at her ears, and whines. There is a slight discharge coming from the ear, plus a terrible odor. What is this?—Mrs. E. C. J., Indiana.

Your dog has a case of ear canker. It is very painful and quite common, especially among spaniels, setters, pointers and other long-eared breeds. It is a long time developing and takes patience to treat and cure. Take your dog to a veterinarian and have the im-

---

▶ Have you a problem in dog feeding, care, training, disease prevention? Address your questions to Russell K. Lowry, "Your Dog and Mine" Editor, *Better Homes & Gardens*, Des Moines 3, Iowa. Enclose a stamped, addressed envelope.

A PRODUCT OF ARMOUR AND COMPANY

Dash



is fortified with LIVER!

Dogs know it!

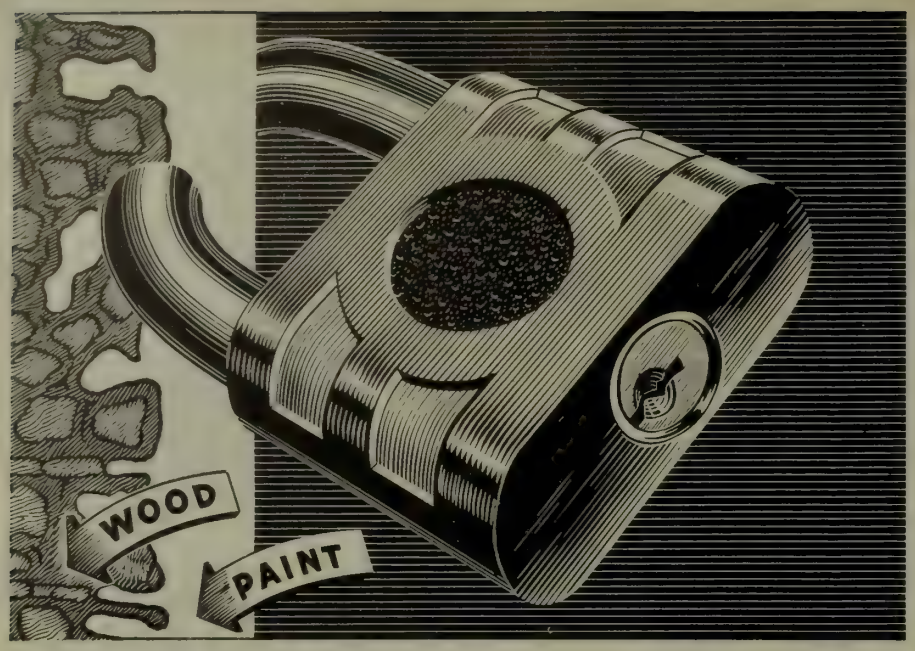
Yes, even pups can tell there's something extra good in Dash. *Liver!* Dogs are so fond of liver that many professional trainers use bits of it to reward a good performance.

Dogs show it!

Yes, watch for brighter eyes, a glossier coat and a happier disposition when you feed Dash to your dog regularly. Dash is enriched with liver —the richest of all meats in quality proteins, vitamins and minerals. Moreover, kennel-tests prove Dash contains *every* food factor dogs are known to need for robust health. Get Dash today!



The dog illustrated is a Smooth Fox Terrier



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Your dog and mine

Begins on preceding page

bedded wax, dirt, and hair cleaned out. This allows drainage of pus, lets medicine reach sore areas. Dogs, like men, need their ears washed. But never use soap and water. Dip prepared cotton swabs in alcohol and gently swab surface areas, also canals. Do this twice weekly.

Is it true cocker spaniels should not get their feet wet during their first year?—Mrs. P. M., Oregon.

Cockers are no more susceptible to chills, colds, distemper, and rheumatism than any other breed. Every dog should be dried off when coming in from wet or snow. All breeds are susceptible to distemper the first year and shouldn't be bathed—just brushed and combed —during this time.

My collie female recently lost her entire litter, and an autopsy showed the puppies were full of roundworms. We knew the mother had roundworms, but we were advised not to worm her during pregnancy. —Mrs. E. M. J., New York.

Ordinarily, a pregnant female should not be wormed beyond six weeks from the mating date. However, if worms are clearly evident, and the infestation seems heavy, it is best to have her wormed. Roundworms can lodge in the puppies within the womb. Conventional worm medicines are all toxic to the dog, hard on the pregnant female —the idea being to give a large enough dose to kill the worms, but too small to kill the dog. A new development for roundworm control which is virtually nontoxic is available upon prescription. It may be used on both dogs and cats.

I've complained to my neighbor about his dog's soiling my lawn. But he says it's my responsibility to erect a fence for the protection of my property. Who is right?—C. B. B., Iowa.

Your neighbor is wrong. It is up to him to control his pets, stock, fowl, or what have you, so they won't inflict damage or commit nuisance on the property of others. This has been firmly established in all courts of the land.

Fences

Fences weren't meant for barring,
Fences weren't meant to hide;
Fences weren't meant for warring,
Fences weren't meant for pride.

Fences weren't meant to be mean over,
For looking the other way;
Fences were meant to lean over
And pass the time of day.

—*Richard Armour*



Treat faulty diet—the real cause of much itching, sore skin, loss of coat. Canned, dried and heated foods often lose valuable "fresh" factors necessary to skin health. Rex Oil is 60% linoleic fat—the essential "skin vitamin." Just add a little to the daily food. See a much improved dog in three weeks or money back. At drug and pet stores or send $1.00 for two months supply to Rex Oil, Monticello 4, Illinois.

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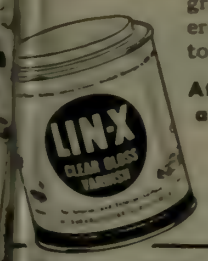


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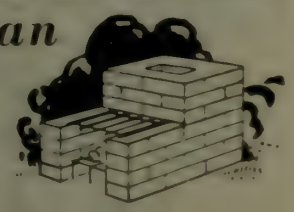
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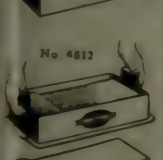
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Federal housing aid?

Yes

Begins on page 16

Another two million families in smaller communities had bad housing. An equal number of farm homes lacked the minimum requirements for health, safety, and decency. The committee found that over three million families were doubled up with in-laws and others or were living in trailers, tourist cabins, rooming houses, and other temporary accommodations.

These housing conditions constitute a social and economic evil. A special Senate committee, of which I was a member, received evidence that in city after city the centers of disease, delinquency, and crime were the areas of bad housing. When you think about the questions I asked you, you will not be surprised at the evidence we turned up. You will wonder, rather, how so many families living under this kind of environment continue to have any faith in American ideals and institutions and how so many of their sons were willing to fight for them.

No wonder the members of our Senate committee concluded that America should have a comprehensive program aimed at affording every family an opportunity to have a decent home. We decided that this program should shoot at building 1,200,000 town homes and 300,000 farm homes a year for 10 years. We made these recommendations in 1945. They were sustained in the conclusions of the Joint Committee on Housing early in 1948.

It was my privilege to join with Senator Wagner and Senator Taft in sponsoring legislation to carry out these recommendations. *Its*

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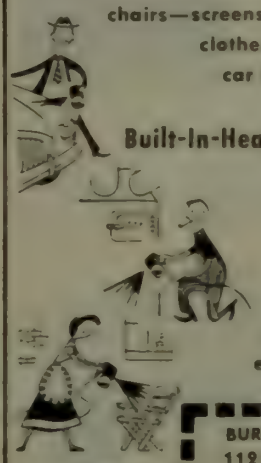
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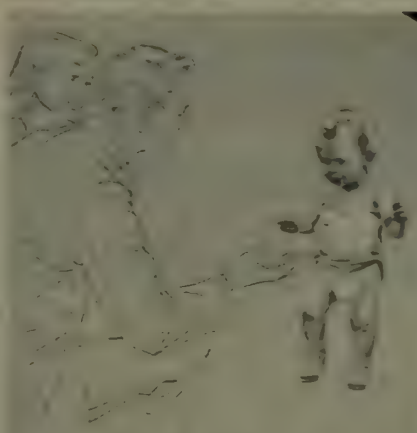
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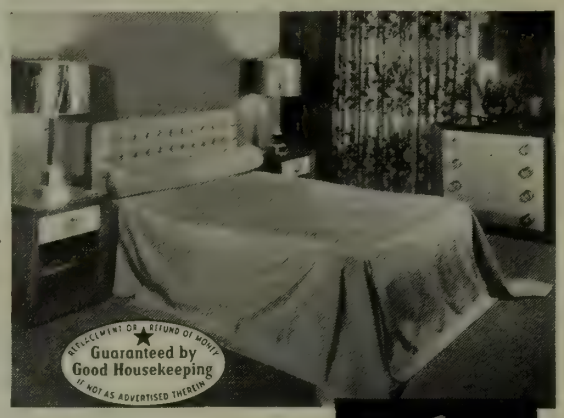
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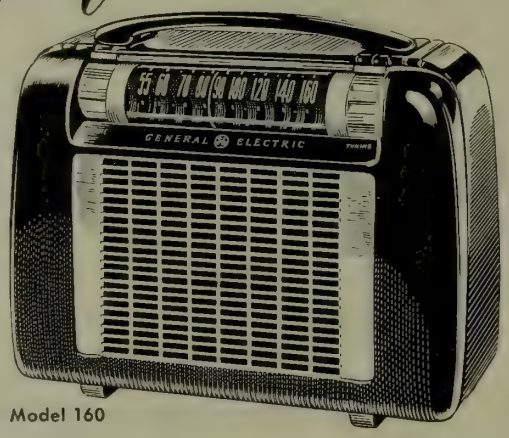
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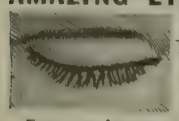
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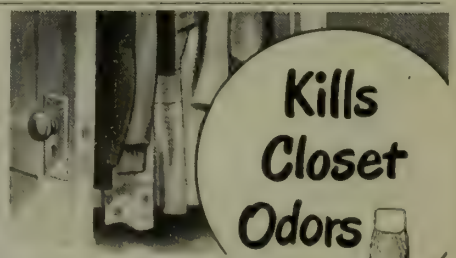
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Federal housing aid?

Yes

Continued from preceding page

principal emphasis was on providing the tools by which private enterprise could do most of the job of providing homes at prices and rents which families could afford.

This was to be accomplished by improving on the aids to private enterprise which had been in existence since the early thirties, and by providing certain new aids, also to private enterprise.

But at the same time we recognized, from the experience of the past, that private enterprise could not cope with slums or take care of the housing needs of low-income families. So we provided for federal aid to local communities willing to tackle these two jobs. The low-rent program was extremely modest. It called for only 100,000 low-rent dwellings a year for five years. The slum clearance assistance was likewise modest. But we hoped that this public effort would stimulate a much broader attack by local communities and private enterprise. In the same bill we also proposed an attack on the farm housing problem through federal credit and subsidies.

We thought that by this kind of program we could achieve a unity between private enterprise, local communities, and the federal government toward a solution of our housing problem—the kind of a voluntary unity that General Eisenhower writes about. But the private home-building and financing industry did not choose to join in that unified effort. Because of what I consider misguided leadership, these interests succeeded in preventing this legislation from coming to a vote in the House of Representatives in 1946 and 1948 after it had been passed in the Senate both years by substantial majorities.

Stripped of all the side issues, the principal objection cited by opponents is that the program is socialistic, and that it marks the intrusion of government into a field served by private enterprise.

There are two answers to that. The first is that this program would be primarily a private-enterprise

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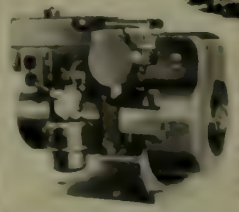


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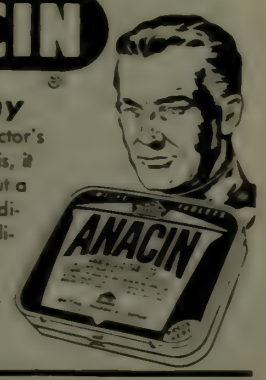
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program, that direct participation by government would be limited to a small segment of the housing field which private enterprise has never served in the past and cannot reasonably be expected to serve in the future.

The second answer is that American people have never refused to utilize the resources of their government when their needs could not be satisfied otherwise. Our post office, streets and roads, airports, and water and sewage systems are some well-established enterprises of government, developed in the public interest. Some of you may not know that fire protection, now recognized as necessary public functions, was once left to private enterprise. Government has helped private enterprise, too. It helped the railroads to open up the West. It is now providing financial assistance to the merchant marine and, through mail subsidies, to commercial airlines.

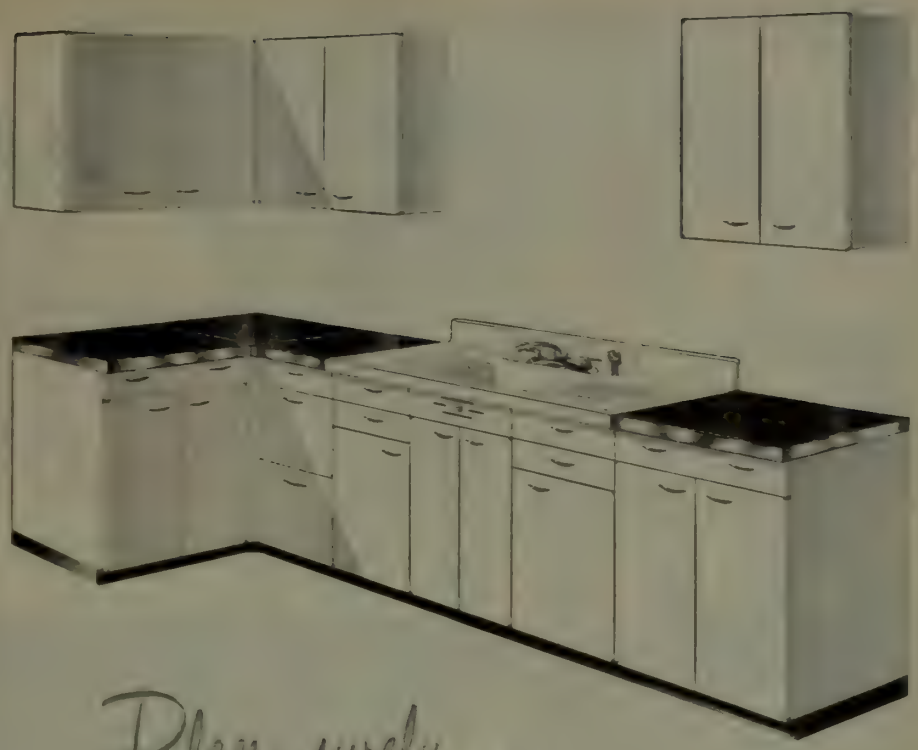
Those who are so alarmed about government participation in our housing program always neglect to mention the extent to which government is helping them today in their own business of building and financing homes. That F.H.A. loan on your house is representative of a 15-billion-dollar credit insurance business being performed by your federal government. The government went into that business back in 1934. It did so because nobody else was doing the job and because, without F.H.A. people couldn't afford the cost of financing homes, and the building industry could not get back on its feet. This insurance business has been growing ever since, with the grateful blessing and encouragement of home-building and finance. If you got your money from a bank, it was available in part because the government insures bank deposits. If you went to a savings and loan association, you were borrowing funds insured by still another government undertaking.

Those government enterprises have helped you finance your home, but, by taking most of the risk out of home-building and finance, they've helped your lender, your builder, and his supplier. That is the reason why the home-building industry doesn't object to this kind of government participation. In fact, it lobbies for it.

I endorse these aids to private enterprise. In fact, the new provisions of the F.H.A. insurance program which were enacted last year were lifted almost bodily out of the Taft-Ellender-Wagner bill. They're part of the major emphasis our program places on helping private enterprise fill most of America's housing needs.

But while government is engaged in these big enterprises, it ought to be doing something about reducing housing costs. It ought to be giving attention to our festering slums and to the urgent housing needs of those with low incomes. If we fail to do these things, we shall be confessing that the richest and most powerful democracy on earth cannot deal effectively with one of

[*Turn to pgee 276*



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- Keep picking faded flowers in garden unless needed for seed
- Water transplanted trees and shrubs thoroughly in dry weather
- Keep after weeds with the hoe
- Repair slopes washed by melting snow and spring rains—planting time is short
- Support weak-stemmed plants
- Start spraying or dusting as soon as insect pests show up

SOUTH

Feed lawns with complete plant food (about 25 pounds per 1,000 square feet). Plant centipede and St. Augustine grasses in Lower South, Bermuda grass and *Zoysia matrella* in Lower and Middle South. Spray lawns with 2,4-D weed killer.

Spray or dust roses regularly with an all-purpose mixture; feed about 5 pounds plant food per 100 feet of bed. Prune hardy climbing roses which have finished blooming.

Plant heat-loving annuals like balsam, cockscomb, zinnias, and marigold; also plant cannas, dahlias, ismene, montbretias, tuberoses, and zephyranthes except in Florida and Gulf Coast.

Dust azaleas and camellias with sulfur if red spider gets bad—grayish foliage is a sign of this pest. Use an oil emulsion for scale, but pick a cool day for application. Spray with DDT in oil emulsion for white fly on gardenias.

Transplant palms in Lower South. Prune spring-flowering shrubs if you haven't already; it's still not too late. Divide or plant both hardy and half-hardy waterlilies.

—W. Elbridge Freeborn

TEXAS-SOUTHWEST

Plant seeds or seedlings of petunias, verbenas, coleus, and other shallow-rooted flowers to fill empty spots left by spring-flowering bulbs. Plant morning-glories and moonvines where screens are wanted quickly; soak seeds before planting.

Prune rambler roses and wisteria immediately after flowering to encourage new growth.

Spray euonymus with miscible oil to control scale; spray hollyhocks to prevent rust. Hand-pick and burn bagworms.

Plant seeds of tithonias, sunflowers, and princess feather (amaranthus) in full sun; plant lantana, stocks, wallflower for late-summer bloom. Sow columbine seed as soon as matured, preferably in shade of a bush or shrub.

Dig, divide, and reset bulbs of habranthus lily and Guernsey lily (*Lycoris radiata*) for early fall bloom.

—Marian Price Scruggs

CENTRAL-EAST

Stake perennials, especially tall ones like delphinium and phlox, to prevent flowers from breaking stems. Tie together sprawly plants like iris, peony, and Shasta daisy.

Spray and dust garden every 10 days. Use a DDT and rotenone mixture for cyclamen mites on delphinium and thrip on gladiolus. Use nicotine sulfate for aphids; spray every four days until under control. DDT will control flea beetle on vegetables.

Trim evergreens just before new shoots appear. Don't cut out more than last year's growth if you can avoid it.

Take special measures if you must start a lawn this late—use seed containing annual rye, and mulch with peatmoss or straw after seeding. Cut new grass as soon as it is tall enough. Use 2,4-D weed killer on established lawns; on new lawns wait until grass has been cut several times.

Continue planting vegetables. Peas may be planted up to early May. Make a small planting of radishes, lettuce, spinach, and onion sets every 10 days. Delay putting in Lima beans and cucumbers and other vine crops until ground is warm.

—Harvey Bicknell

PACIFIC NORTHWEST

Spray or dust rosebushes every 10 days, water once a week if weather is dry. Give each bush one ounce complete plant food (4-12-4) every two weeks and water it in.

Set out transplants of broccoli, cabbage, cauliflower, and kohlrabi; transplant tomatoes only after frost danger is past. Plant cucumber and squash in rich soil after May 15.

Sow seeds of hardy and half-hardy quick-growing annuals like zinnias, marigolds, annual phlox. Set out slow-growing annuals like snapdragon, stocks, and petunias started indoors; wait until May 20 to plant morning-glories, salvias, cannas and other flowers which don't grow well until ground is warm. Place house plants outdoors in a shady spot.

Place poison bait around strawberry plants to kill strawberry weevil grubs; spray broad-leaved evergreens against the same pest with lead arsenate about May 15.

—Ada V. Turner

CALIFORNIA

Cut delphiniums back to the soil and feed and water to encourage new shoots. Pinch out tips of chrysanthemums every few weeks to keep plants branchy. Move gerberas and Transvaal daisies; remake old canna beds by dividing clumps.

Add sulfur to soil or use one of the new special plant foods for acid-loving plants like azaleas and rhododendrons, especially if they are turning yellow.

Keep roses free of black spot by dusting every 10 days with a dust containing both sulfur and lead arsenate. Spray gladiolus for thrips; put out bait for snails and slugs.

—Alfred C. Hottes

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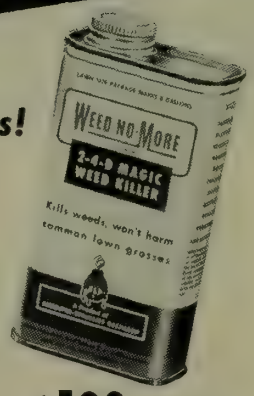


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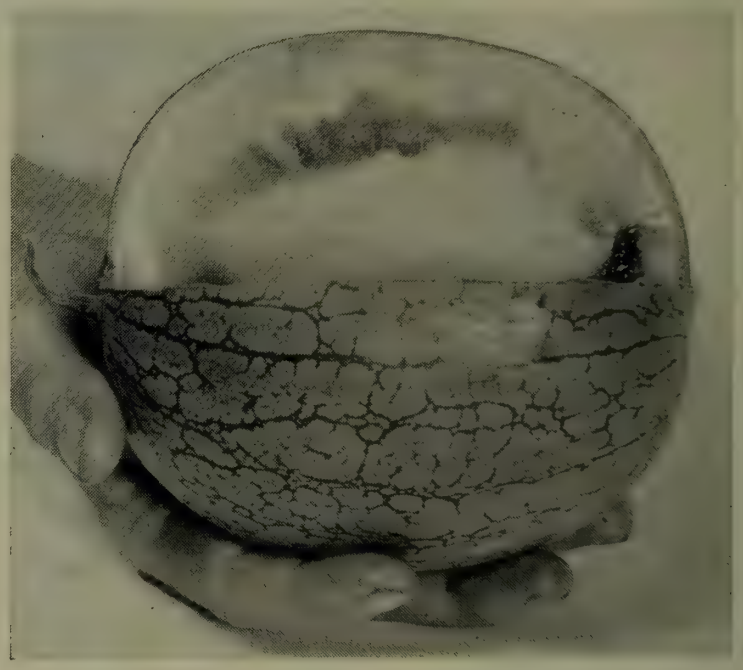
Midget vegetables

If you're short on garden space, try these Tom Thumbs among vegetable plants

By Harry T. Foster

Did you ever eat a whole watermelon as just one serving? Do you like your cucumbers grown to perfect dill-pickle size? Do you like them mild as apples? Would you like to try freezing your own sweet corn and get a product so full of flavor, yet so delicate and sweet that family and guests say "You've found it—this is *it*."

Midget vegetables, still new to most home gardeners, are the answer. Sow seeds this month in full sun.



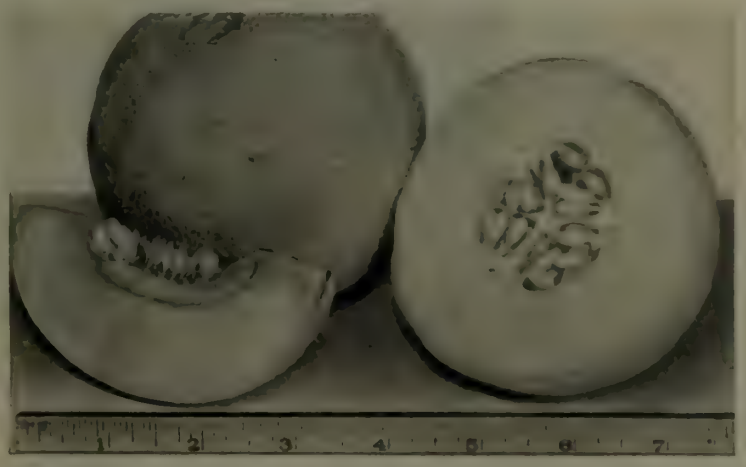
Watermelon that grows individual servings is called New Hampshire Midget. As you see, the melons when fully ripe are not over 8 inches long. They come early, have few seeds, and a rind so thin they're practically all sweet heart meat. Plant in sunny, sandy soil



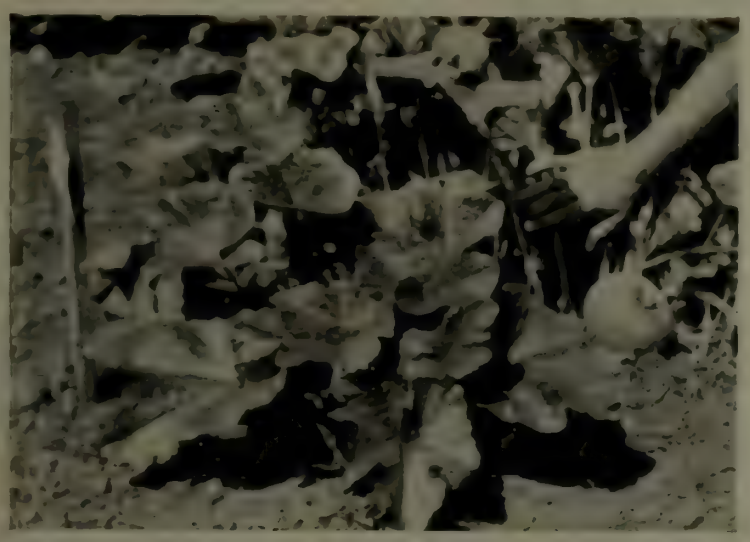
Tiny Tim tomatoes make delightful garnishes. For a picnic or garden meal they're a salad in themselves when served on the stem and as cold as can be. Can be grown in boxes, large pots, or window boxes



Golden Midget sweet corn matures 4-inch ears of very sweet corn on amusing 30-inch stalks. With cobs no thicker than a pencil, it freezes very quickly, can be packed 6 to 8 in a quart size freezer carton



New Minnesota Midget muskmelon has vines that ramble not over 3 feet, and fruit like golden honeydrops less than 4 inches through



Cheyenne Bush pumpkin assures you the best of pie makings, and small orange pumpkins for Jack o' lantern time. It's decorative, too



A cucumber: Probably no milder, better tasting one exists than the chubby Mincu. Vines spread only 4 feet, and the fruits set early. Originated at Minnesota State, it's a good one for the North



Make your gardening easier with tougher Koroseal Garden Hose

THE minute you lift Koroseal garden hose you'll know why. It's one-third lighter than other hose—a six year old can tote 50 feet with ease. With all its lightness it actually carries more water than other types of hose of the same dimensions—and so speeds up your watering.

You can leave Koroseal garden hose out in the sun and air day after day and forget it. Every test has shown it won't crack or oxidize after years of this treatment.

It's a marvel for punishment. It has been jumped on, run over by a truck, dragged over concrete and rough stones—without damage.

And here's another extra on this Koroseal garden hose—it has a new and approved coupling, which won't pull out and yet can be tightened or reattached at any time.

Choose Koroseal garden hose in either bright red or green. Its glossy surface won't hold dirt—so it's easy to keep clean. From the raw material to the finished product it is made by B. F. Goodrich—manufacturers of hose for more than 76 years.

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For Koroseal or rubber hose, see your retailer or call The B. F. Goodrich office in your city for dealers' names. *The B. F. Goodrich Company, Industrial and General Products Division, Akron, Ohio.*

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For flowers to brag about—

Grow dahlias

By Elizabeth Russell Mack



Like all male dahlia enthusiasts, Conrad E. Faust insis
that his favorite flower has few equals. These exhibitio
size blooms in his Atlanta garden back up his argume

Growing dahlias is a man's hobby. American males have taken this handsome flower with its multitude of types and colors as their own—and will scream if their wives even try to pull up a weed near their dahlias.

Conrad E. Faust of Atlanta is a typical male as far as dahlias are concerned. He is president of the Dahlia Society of Georgia, and a vice-president of the American Dahlia Society. When he argues that few other flowers give such handsome returns in brilliant bloom for the time and energy spent on them, he has 20 years of experience and 600 dahlias in his garden to prove his point.

He maintains that any man can grow dahlias of exhibition quality by following seven simple rules. His suggestions are just as good in Maine or Minnesota as they are in his own garden in Georgia. Mr. Faust's suggestions:

1. Don't plant too early

It's easy to get impatient when spring comes, but don't plant right after the last frost. Dahlias planted too early mature in hot weather an produce poor flowers. Even in his mild Georgi climate Mr. Faust waits until May 15 to Jun 15. Those dates are recommended in the Nort also.

2. Take care of your soil

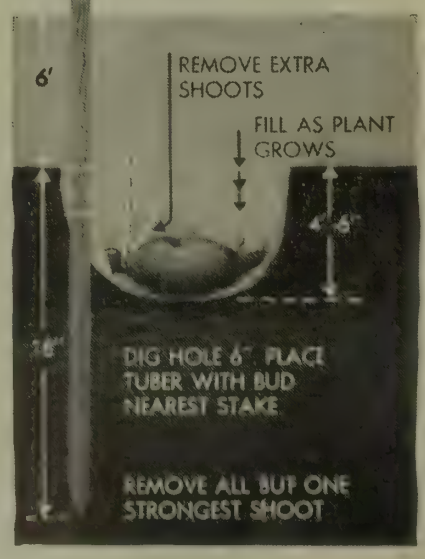
Dahlias aren't fussy about soil, provided it deeply cultivated, well drained, and has plent of humus. They also need full sun to produc good flowers.

Compost or other humus should be dug in the dahlia bed every year. Cultivate the surfa soil until plants are about a foot high. After th feeder roots are near the surface and likely to damaged by cultivation. Use mulch the rest the season to keep down weeds and conser moisture. Plant bulbs as shown in sketch; s inches deep (a little deeper if soil is light; slight less if tuber is small and soil heavy). Cover wi two inches of soil.

3. Give plants enough room

Since dahlias are heavy feeders, their roc

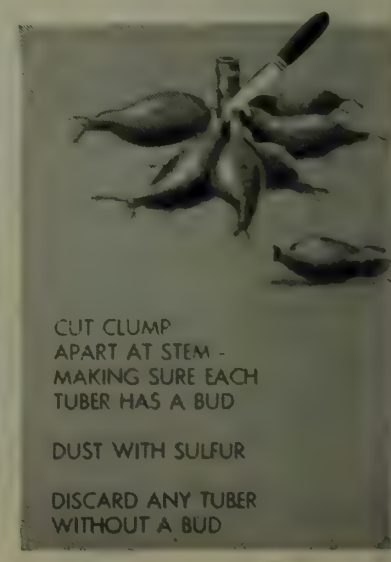
To plant a dahlia



How to disbud



How to divide roots





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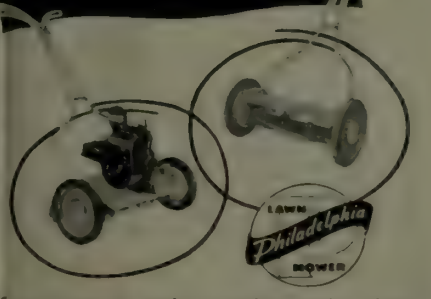


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need plenty of room to spread. The large varieties need at least three feet between plants. Smaller dahlias used for mass effects can be placed one to two feet apart.

4. Top and disbud plants

Pinch out the tops of dahlia plants after the second set of leaves has developed. This makes the plant branch to form four flower stalks instead of one.

If you want huge, exhibition type of blooms, leave the tip bud but go down the stem removing side buds, except for the two bottom ones on the stalk which are needed to produce later flowers.

Disbud only large types; pompons and other small dahlias should have masses of flowers.

5. Use care in feeding

Soil too rich causes more failures with dahlias than too poor soil. Work two good handfuls of bonemeal into soil for a distance of about 2 feet around the spot where each tuber will be planted.

When plants start growing, work about one tablespoonful of complete plant food into the top inch of soil in a ring a foot or more out from the stalk. Feed every two weeks in slowly increasing amounts.

Don't use high-nitrogen plant foods or stems will become soft and plant will grow leaves at the expense of flowers. It often helps to add a small amount of wood ashes to supply the potash dahlias need.

6. Stake dahlias well

Dahlias, being soft-stemmed, break easily. Conrad Faust likes to use sections of the steel rods used for reinforcing concrete as stakes since they don't rot or mildew. However, wooden stakes are perfectly good and easier to get.

For large dahlias stakes should be five to six feet high and driven 18 inches into the ground. Knot the cord on the stake and then tie loosely about the plant.

7. Dig and store tubers carefully

After the first frost has killed the tops of your dahlia plants, cut off stalks and dig the roots. Loosen soil around the clump and raise the roots carefully so as not to break any tubers from the stem. Turn upside down in the sun for a few hours to let any juice drain from the hollow stalks. Then dust with sulfur, wrap in paper or cover with dry sand, peatmoss or sawdust, and store in a cool, dry spot.

Varieties and types

In selecting your dahlias you can choose among several thousand named varieties, ranging in size from the dwarfs up to the giant-flowered, six-foot-tall exhibition types. As for colors, the only thing you can't have is a blue dahlia.

It would be impossible to name a list of the best ones because every dahlia lover has his own list of favorites. Mr. Faust, like all dahlia fanciers, has formed preferences.

In the formal decorative type he likes the white Real Glory. Among the informal decoratives his favorites include Cherokee Brave (maroon), Mrs. Hester Pape (purple-red) and the gorgeous golden Kirsten Flagstad.

Among cactus types he names purple Zenith, Snow Ball, and Pink Flamingo. And among the semi-cactus he likes Rhythm, Colonel Little, and Roselyn Straight.

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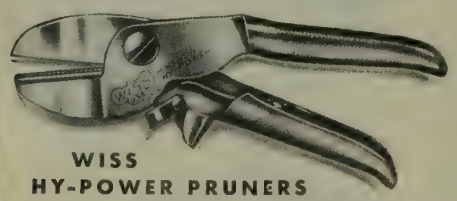
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For flowers to brag about—

Grow glads

Photographs: Suter, Hedrich-Blessing, Watson



The gladiolus has few equals for beauty, whether it's in a vase or growing in the garden. You'll probably want to grow enough glads for both purposes

By George Graves

Executive Counselor, New England Gladiolus Society

Don't leave glads out of your garden plans for this summer. One season of growing them will let you understand why gladioli are a top favorite with so many people.

The gladiolus isn't a one-purpose flower. Its endless variety of colors can satisfy any personal taste or color scheme. It's ideal for garden planting among other flowers. On the other hand, it's just the thing for men who want to grow flowers only for cutting or bragging about because glads can be planted in rows in any extra bit of space.

If you're a beginner, you may become bewildered trying to decide which varieties to plant. There are more than 2,000 name varieties—and more coming each year.

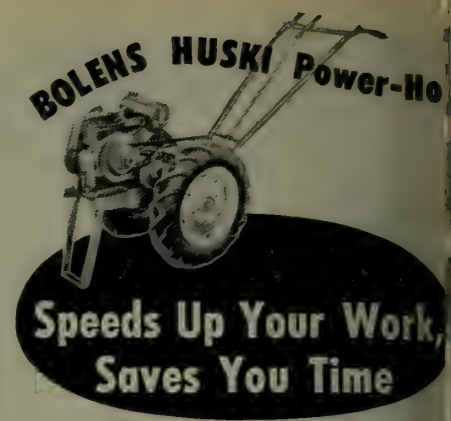
The best plan for the beginner is to make his selections on the basis of color from among the show winners of former years. You'll find a suggested list of excellent varieties on a later page.

Buying your bulbs

Most catalogs and seed stores offer gladiolus bulbs in several sizes. No. 1, large; No. 2, medium; and No. 3, small—all will produce flowers. Anything smaller than No. 3 will be less than an inch in diameter and can't be depended on to bloom. Anything over an inch in diameter will be almost certain to bloom, and the bigger the bulb the better the flowers.

More important than bulb size is its freedom from disease. Buy from a reputable nurseryman to be safe.

(Editor's note: Gladiolus bulbs are also called "corms,"



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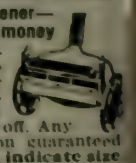
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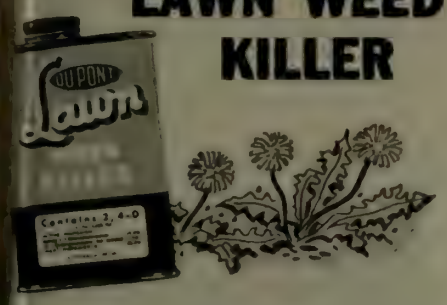


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which is their correct botanical classification. However, common usage makes it all right for you to call them bulbs.)

Soil and sun

Gladioli require much the same growing conditions as most vegetables and garden flowers. They like lots of sun, and a fertile, well-drained soil. They don't like to compete with tree and shrub roots, nor do they grow their best crowded up against a foundation. If you plant in such places, be sure to supply extra food and water.

Before planting, dig complete plant food into the bed, about 4 pounds for each 100 feet of row. Plant food used later in the summer should be watered in immediately after applying to let it get to the roots at once. Don't use

[*Turn to next page*

How to treat your bulbs before planting



Treat gladiolus bulbs before planting to kill thrips and some of the common diseases of glads. Fill a tub with water and add 1¼ tablespoonfuls of Lysol for each gallon of water



Wrap bulbs in several thicknesses of newspaper and label each variety. Burlap or cloth sacks are good for large quantities. Avoid paper bags; they often come apart in the liquid



Place packages in the solution and keep them entirely submerged for three hours. If necessary, use bricks or stones to keep them below the surface



After three hours, remove bulbs and place them on a coarse screen to drain. Plant while still damp. Corrosive sublimate, one tablet to each pint of water, can be used instead of Lysol to treat your bulbs

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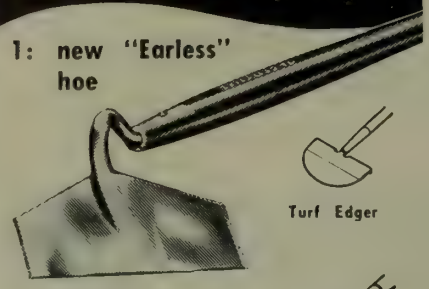
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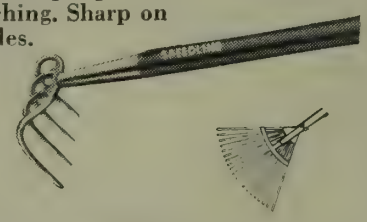
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Grow glads

Continued from preceding page

raw manure since it may spread infection if it touches the bulbs.

If you're willing to spend money each spring for new bulbs, you won't have to use plant food. A large bulb contains enough reserve food to produce good flowers. Feeding insures that there will be bulbs large enough to bloom next year.

How to plant

Plant glads as early in the spring as the soil is fit to work. Set bulbs six inches deep in light soil, four inches deep if soil is heavy. Fill the hole only half full when making the first spring planting to let bulbs get extra warmth from the sun, and fill rest of hole after growth starts. Large bulbs should be about seven inches apart.

The blooming season can be stretched by making succession plantings, by planting bulbs of several sizes, and by using varieties which take different lengths of time to mature.

Care after planting

Start shallow hoeing when first leaves come through the ground. Glads suffer when forced to compete with weeds.

The worst insect enemy is the gladiolus thrip, a very tiny, black, winged insect. It sucks the juice from the plant, giving leaves a silvery appearance at first and then causing them to turn brown. Thrips also cause deformed flowers and prevent many flower spikes from opening at all.

Thrips on bulbs should be killed before planting as shown earlier. In the garden, start dusting or spraying with DDT when leaves are six inches tall. Apply once a week (oftener if rain comes) right through flowering time.

Water is very important—in fact, it's usually the greatest single factor in successful gladiolus growing. Rain seldom supplies enough moisture so make sure the bed gets an inch of water every week. Start watering when there are five leaves on the plants.

Cutting the flowers

Cut the flower spikes ordinarily when only one or two flowers are open. The rest will open in water indoors. Cut spikes off cleanly and at a slant. Put the spikes in water at once. Laying them down for any length of time will make the tips take on a permanent curve.

Leave at least five leaves on the plant since it must continue growth to mature the bulbs for next year.

Care after blooming

Keep weeds under control even after the blooming period is over. However, you can let up on watering except in very dry weather. Thrips control can also be relaxed unless there is serious infestation.

Digging time for the bulbs depends on the planting date. Lift them when growth has stopped but before foliage turns brown, cut off tops, and store in an open box to let them cure for a month. An

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article later this summer will tell how to treat the bulbs for winter storage.

Varieties

The following list of gladiolus varieties is meant only to give a beginner a starting point and save a good deal of guesswork. All of the varieties named are show winners of the past few years which are now available in sufficient quantities to make them inexpensive.

White—Myrna, Snow Princess
White with red throat—Margaret Beaton
Cream—Leading Lady, Lady Jane, White Gold
Cream and Rose—Coronna
Yellow—Golden State
Yellow and Red—Sir Galahad, Spotlight
Buff—Susquehanna
Orange—Lantana
Salmon—Glamis, Picardy
Scarlet—Algonquin, Valeria
Pink—Big Top, Ethel Cave-Cole
Red—Red Charm, Stoplight
Red-black—Black Opal, Black Panther
Rose—Chamouny
Deep rose—Burma
Lavender—Elizabeth the Queen
Purple—King Lear, Purple Supreme
Violet—Abu Hassan, Blue Beauty
Smoky—Oklahoma
Brown-velvet—Vagabond Prince

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Lament for a Fallen Foe

Ancestral dandelion, ancient foe,
Scion of half the weeds upon my lawn,
I grieve because tomorrow's rosy dawn
Shall know thee not. My hand must lay thee low.

Thy far-flung progeny shall fade and droop
Beneath the spray gun's ignominious mist.
But not for thee the slow disgraceful twist,
The blackened leaf, the stem's distorted droop.

For thee the knife, swift, terrible and bright—
One straight sure stroke across thy thumb-thick root.
There, it is done. Thou liest lifeless, mute.
On the black soil thy heart's blood oozes white.

Yet do I know I need not cry alas.
When daffodils shall welcome back the spring
Thy hidden seeds shall rise anew, and fling
A handful of gold coins across the grass.

—*Hannah M. Biemiller*

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Controls Fungous Diseases: Early blight of tomatoes and potatoes, tomato and bean anthracnose, celery leaf blights and many others.

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Flowers to brag about—grow iris

Begins on page 42

high figure from iris connoisseurs. Ten years from now the stock will have increased to thousands and you'll be able to buy it for a quarter.

Plant in summer. Irises prefer to do their moving in the good old summertime. So get in your order early; growers usually start digging and shipping a few weeks after the flowering season.

It's well to know that following their spring burst of growth and bloom, irises calm down sensibly into a period of relative inactivity for the summer. In northern gardens they nod; in the South and Southwest they take a siesta. But in late summer they evidently dream of another spring, and thus inspired, reawaken, make additional leaves, and fatten their rhizomes (RHY-zohms—the solid fleshy parts from which leaves rise). Most important, down within the green leaf sheaths tiny buds are formed for next year's bloom.

You should have your irises planted in time for that fall growing period. Not only will it help insure bloom, but you'll know that

How to plant an iris quickly and well



Choose a location with good natural drainage and sun at least half the day. Fork soil thoroughly and re-level the bed. Slant two cuts into prepared soil leaving a ridge between them



Set your iris plant astride this ridge. Spread the anchor roots into the two depressions. Press the rhizome (fleshy bulbous part) firmly into the soil so that the fan of leaves remains upright. If you are resetting a clump, trim foliage to 7-inch fans for a tidier look



Cover the rhizome with one inch of soil. Water in ring about the newly set plant so that anchor roots are in damp soil, but keep water off the rhizome. Have plant on slight mound at finish, dry soil level with base of fan

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the plants are well established for winter.

A place in the sun. In selecting a spot for your new irises, remember that they'll need lots of sunshine and good soil that drains well. Many people grow them successfully along with delphiniums, columbines, lupines, Oriental poppies, and the like in perennial borders. Their clumps become bold and beautiful accents, easily dominating the scene at flowering time. But in such mixed plantings, be sure to employ a "good neighbor" policy—and good neighbors for irises are plants with light foliage that will not throw dense shade or hinder free circulation of air about the iris clumps.

Good drainage is so important that a standard practice in making iris beds is to put a raised edging of brick or stone around them so as to hold the soil level several inches above surrounding ground.

For individual plants in a mixed border the soil may be simply "hilled up." Since iris rhizomes grow right at the surface, even a slight elevation will help drain water away from them quickly.

Soil. If you're blessed with reasonably good garden dirt, there's no need of elaborate preparation. Almost certainly it will grow fine irises. Even among experienced iris fanciers there are two schools of thought on both the initial soil enrichment and subsequent applications of food.

The "play safe" proponents will sprinkle bonemeal heavily over a new bed, then throw on a two- or three-inch blanket of compost and fork it in well. They feel that these additions are helpful and perfectly safe to use. Heavy fertilization, they claim—especially with materials having a high nitrogen content—may lead to lush growth and later rotting of the rhizomes.

Feed 'em and reap! But perhaps you'll string along with the "bloom-or-bust" boys who certainly do grow gorgeous big irises. Spade all of the dirt out of your bed for a depth of 8 to 10 inches, and then loosen up the bottom with a fork. Pile about a fourth of the excavated soil to one side, and start shoveling the rest back into the hole, adding to it as much as a gallon bucketful of rotted cow manure (or somewhat less of pulverized sheep manure) plus a quarter pound of balanced garden plant food for each square foot of bed area. Compost, too, may be worked in as freely as you please, and some growers use sprinklings of bonemeal, superphosphate and wood ashes in addition to the complete plant food.

All ingredients, of course, are turned and chopped thoroughly into the soil as the bed is refilled. If the dirt happens to be of a sticky texture, this is a fine time to work in enough sand to loosen it up. Also, if you're in a section where azaleas and rhododendrons thrive, the ground is probably more acid than tall bearded irises will like, and a good snow of ground lime-

[*Turn to page 286*

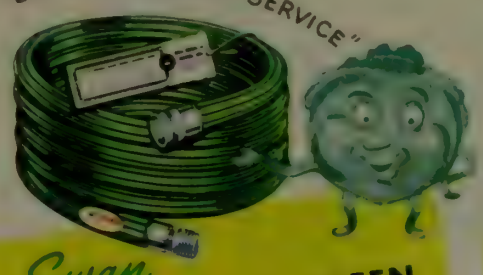


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Redesigned for better outdoor living—III

Dividing their space



Here is the arrangement of the garden at a glance: terrace, grass-paneled garden and—through the open gate—the children's play yard. Flower beds are planned for long-season bloom; climbing roses put flowers even on fence

By Ellen Sheridan

There's no need to have your outdoor living plans upset just because children have a habit of arriving and growing up. Mr. and Mrs. William Reppy of Oxnard, California, had their house and garden planned when they were the only ones in the family; it's just as livable today although there are two sons aged 7 and 3.

The trick was to allow for both juvenile and adult living right from the start. They accomplished this by dividing their space into definite areas for grownups and children. Minor changes have been made, of course, but the basic plan remains the same.

Heart of the house is the garden room which is informal and able to take hard usage. It opens on a terrace that overlooks garden and play area. During the children's first years a sandbox stood on the terrace, but now the boys have moved into their own play yard.

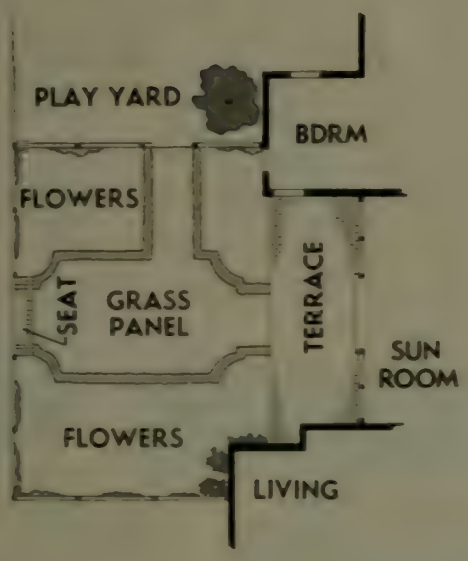
Adults can also play: the drive to the garage beyond the boy's yard has a badminton court. The garden itself is enclosed by a high, white board fence which forms a background for flowering shrubs, climbing roses and colorful beds of perennials and annuals.

Some alterations will be made as the children grow, but the plan allows for that, too.

ave them more room



Garden without growing pains—because they had planned it for children



Photographs, Pix, Inc.



Try an arrangement like this if you're having trouble mixing children and flower beds. The two Reppy boys have their own play yard where they work out their energy on wagons, toys, and gymnasium bars. Their mother can hear and see them through open gate as she sits in garden

More on page 287

the NEW

Sunbeam

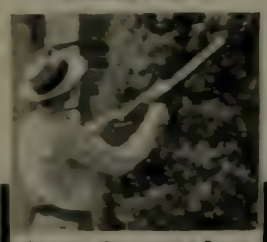
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BETTER THINGS FOR BETTER LIVING
. . . THROUGH CHEMISTRY

Federal housing aid? Yes

Continued from page 261

its foremost social and economic problems.

The housing legislation that I hope the Eighty-first Congress will enact should deal with four main problems.

First, there is the matter of costs. I don't need to tell you that houses cost too much. Probably most things cost too much these days. But the difference is that houses have *always* cost too much. Not enough have been built because too few people could afford them. That is why a worn-out house, unlike a broken-down jalopy, remains in use instead of going to the junk yard. One of the reasons that houses cost too much is that we still put them together in much the same way our great grandfathers did. I'm not saying that houses can be rolled off a production line like automobiles, although there is certainly reason to believe we can go a long way in that direction. But those of us who have studied the problem believe that modern technology can be applied in many ways to cut down costs. Congress has already given some encouragement by making F.H.A. insurance available for loans to prefabricators and other mass producers of housing. But we need also a broad research program to develop and encourage the use of cost-saving materials and methods. It needs to be much broader than the limited program directed at building codes and standardized measurements authorized by the last Congress.

No single element in the building industry can afford to undertake this kind of research program. Leadership will have to be undertaken by the federal government. Such a program was contained in the Taft-Ellender-Wagner bill; I am confident that it will be provided for in the legislation enacted by the Eighty-first Congress. What it would do would be to authorize the federal government to use its own and outside research facilities, like those at colleges and universities, to develop new products and methods, make the results known and encourage their use by the building industry.

Second, the best evidence that private enterprise cannot deal with slums and blighted areas is the fact that they're still growing. The costs of acquiring, clearing, and making slums and blighted areas available for redevelopment will be greater, in most cases, than the return that can be realized by selling the cleared land for other use. Private enterprise is just not in the business of sustaining losses.

Neither can your local government afford to do this job alone out of its limited tax resources. Yet the slums must be cleared if we are to have healthy communities and if their constant drain on our community resources is not to bankrupt our cities.

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The federal government sho help the cities undertaking t task in two ways. First, repaya loans should be made available finance the cost of acquiring, cle ing, and preparing such areas redevelopment (principally by p vate enterprise). Second, if a l is sustained after the property sold for redevelopment, the fede government should absorb t thirds of this loss through a gra No local community would be *quired* to go into the program, l the federal loan funds and gra should be available to any that cide to go ahead and need help

Third is the problem of prov ing decent homes for low-inco families.

Private enterprise has not m and cannot be expected to m adequate housing available prices and rents which low-inco families can afford to pay.

Again, all the government sho do is to assist local communi which decide to go ahead w low-rent public-housing proje If there is a local need and community is willing to build low-rent project and make a lo contribution in the form of tax emption, the federal governme should agree to make cash con butions to make up deficits caus by keeping the rents low. In or to assure that these projects w not compete with adequate priv housing, the government should quire that the incomes of famil admitted to the projects be at le 20 percent below those of famil for whom private enterprise is p viding decent homes. We shou also require that for every new lo rent dwelling built, a slum dwelli must be eliminated.

Despite the diversion of prew public-housing projects to w workers and despite higher incor during the war, tenants living the projects had a median annu income of $1,844 in 194 and p an average rent, including utiliti of $32.16 per month. I ask v where else you could get a dece home within your means if you h to get along with an annual incor of less than $2,000?

When the private building i dustry assails *this* part of our hou ing program, I am reminded of t small child who won't give up a t he has never used and probab never will. Only here we are de ing with no child's toy, but t lives and well-being of millions American families.

The fourth problem with whic the housing legislation must deal that of bad housing on the farm Proportionately more farmhous than urban homes are hazardou to the health and safety of their o cupants. Their mere location o the farms does not remove any the dreariness or hopelessness living in them. I believe that u timately every farm family shoul have an opportunity to have home that meets the minimum re quirements of decency, safety, an sanitation.

Under the comprehensive hou ing bill we propose, farm owne who do not have other resources c credit would be able to obtain long

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term loans from the federal government to finance decent homes for themselves, or their tenants, sharecroppers, or laborers. If the farm income is adequate to cover living costs and payments on the loan, there would be no other assistance. If the income is inadequate, however, the government would provide subsidies for 10 years to cover interest and part of the principal payments, provided the farmer agrees to undertake a farm-improvement program that will eventually provide an adequate income.

I do not claim that the program I have been describing will solve the housing problem overnight. Rather, I think of it as a good beginning in a long-range effort. All of us who have sponsored and supported this legislation hope that private enterprise will expand its area of operations until it is, in fact, serving the housing needs of all Americans. When that time comes we shall no longer need to have much of the program which now is necessary.

I do not believe that our democracy can afford to be unmindful of this most fundamental need of the American people. That is why I have insisted that housing legislation contain a declaration of national housing policy—a declaration to the effect that general welfare and security of the nation and the health and living standards of its people require the elimination of slums and blighted areas, the realization of a decent home and a suitable environment for every American family, and the development and redevelopment of our communities to advance the growth and wealth of the nation.

With this declaration of policy and the specific programs to back it up, we shall offer hope to the millions of Americans who are now ill-housed and we shall help in the solution of many other social and economic evils. And we shall be demonstrating to the world that a free nation operating under a government by the people can serve the people's needs.

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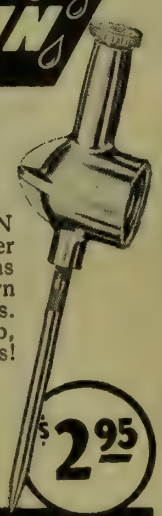


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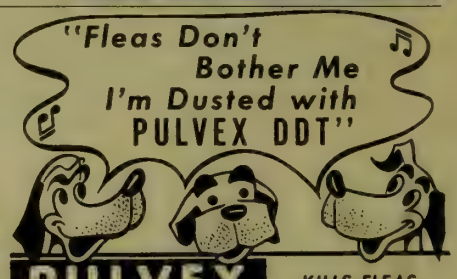
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Give your tomatoes

By Kermit Andrea

Your vegetable garden plans undoubtedly give a goo amount of space to tomatoes. Few people ever ha enough of this versatile vegetable because, fresh or canne you can find endless uses for them.

Half the art of growing healthy, plentiful tomatoes li in giving them a good start. Don't plant too early becau tomatoes don't grow well in cool weather, and there always danger of a late frost catching them. Wait un the weather is definitely warm.

Your soil should be fertile and well spaded, and in spot with plenty of sun. Try to plant within easy reach water because tomatoes need watering during dry weath er. Set plants three feet apart if you plan to stake them otherwise four feet. Divide your planting between earl medium, and late varieties to get a long bearing season

Now read on to learn how to transplant tomatoes fo certain success and the assurance of a good harvest.



Buy healthy, stalky plants lik these, with plenty of room be tween them. Beware of buyin plants where the seller pul them out of the soil and wrap a bunch of bare roots in a piec of paper. Such plants ma grow, but the odds are badl against their ever being muc of a success. Roots should hav plenty of earth around ther

Photographs: Stanley; Mead, U.S.D.A.; Naylo



Moisten soil around plants, then lift them out with an old table knife or similar tool as shown. Carefully work apart any plants with interlaced roots. Trick is to disturb roots as little as possible leaving as much soil on them as you can. Plant pictured has a good ball of earth around roots

...good start



Have garden soil well spaded and loose. Make hole twice as wide as the root ball, and set plant a little deeper than it was before. Potted tomato plants, like the one shown, are more expensive but are often worth the extra cost. Since roots go in undisturbed, there is little setback and as a result plants usually produce fruit earlier

...u have leggy plants like ...one, don't set just the roots ...he ground. Remove the ...es from the lower part of ..., dig a short trench, and ...oth roots and part of the ... into it. Roots will grow ... the buried portion of the ... and you'll soon have a ...thy plant with lots of roots ...ature good, big tomatoes





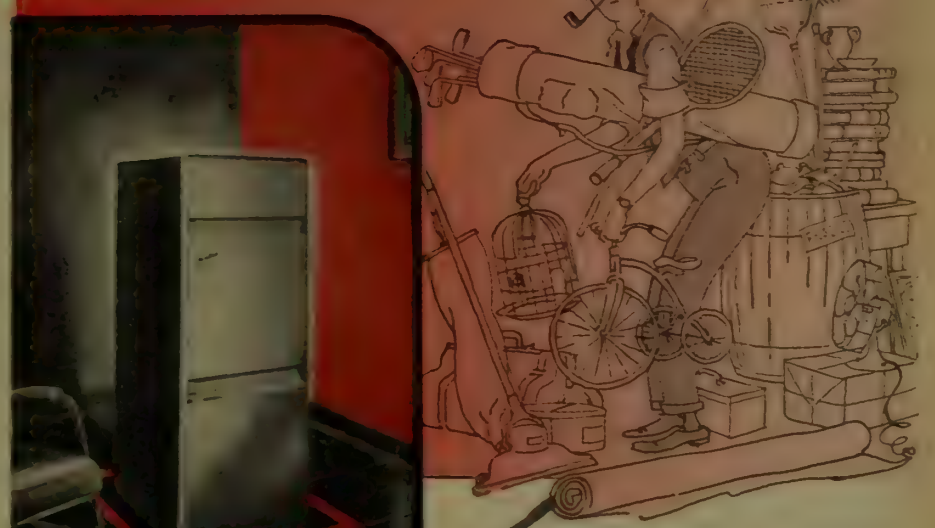
After plant is in the ground, fill in soil around roots, and press earth down with the fingers. Such firming brings moist earth into contact with roots. Air spaces can do your plants serious damage because roots will be unable to reach food and water and will dry out. Soil should be well pulverized since clods also cause air space



A starter solution (a handful of plant food to a gallon of water) will ...ead growth and rooting. Pour about a pint around each plant to settle ...il and provide quick moisture and food. Repeat monthly, or spread a ...ing of plant food six inches from stem, scratch into soil, and water in

More on next page

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GAS-FIRED

the new winter air conditioner



HERE in Recreation Room



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MINIMUM SPACE REQUIRED

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TIME-PROVEN 3-WAY TRI-OGEN SPRAY



This is the original 3-way balanced plant treatment. It's a combination INSECTICIDE, FUNGICIDE and PLANT STIMULANT. It gives your Rose bushes maximum protection against chewing and sucking insects and blights, including mildew and blackspot. Being *"the ONE that does all,"* this universally endorsed spray cuts spraying time to minimum. Comes in famous green and red Tri-ogen "Kits." "E" size $1.35; others from $2.25.

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Here is TRI-OGEN for gardeners who prefer to *dust*. The world-renown, balanced formula in this handy ready-mixed form now also contains Fermate and DDT! This complete Dust is a combination INSECTICIDE, FUNGICIDE and PLANT STIMULANT that *saves time*—produces better Roses and gives you *more leisure time*. Ready to use: 1-lb., 85¢; 5-lbs., $3.50.

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TRI-OGEN ALONE GIVES YOU FINER ROSES!

Give your tomatoes a good start

Begins on page 278



Cutworms are the worst enemies of young tomatoes which they kill by cutting plants off at ground level. Use guards of tar paper, layers of newspaper or similar material. Wrap around stem as shown and let guard extend an inch or two below surface. Poison baits are also effective, but use with care around children and pets



Newly planted tomatoes need protection against direct sun until they are well established. Shingles pushed into the ground at an angle as shown are all that's needed. Don't put them so close as to injure roots. If an unseasonably late frost comes, place a tent of newspapers over both plant and shingles and weigh ends down



If you plan to stake your tomatoes, pound poles into ground before planting. Use stout stakes six feet high and three feet apart. Set plants eight inches from poles, pinch out all but two stems as plant develops, and tie stems loosely to poles



Mulch when plant gets a little larger. Grass clippings and straw are all effective in conserving moisture and keeping down weeds. A mulch also keeps ripening tomatoes from touching the ground where plants aren't staked. If you don't use a mulch, kill weeds by frequent, shallow hoeing. Deep hoeing may injure roots

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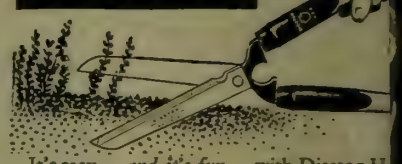
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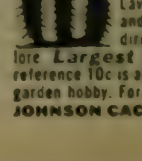
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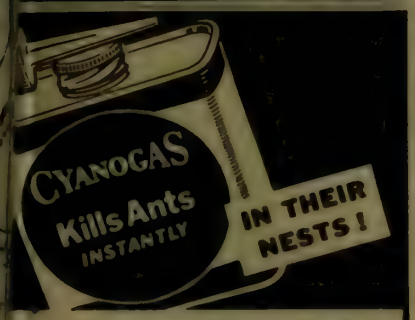
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Rock walls become gardens

Begins on page 18



Sempervivums (hen and chicks) are ideal for small crannies. Use large types near webby ones for contrast

ing—are good choices. Shear ragged foliage after blooming and new will form quickly. Pinks—like Maiden pink and Cheddar pink—flower in summer but have good foliage the year around. Dalmatian bellflower (*Campanula portenschlagiana*) has blue flowers in summer. Of the sedums, Goldmoss (*Sedum acre*) spreads widely but clings to rocks with an almost mosslike evergreen foliage. The white Sedum brevifolium and yellow Sedum spathifolium are also evergreen, and completely different.

Perhaps your wall needs only bold clumps here and there. Turn to violas (especially Jersey Gem), *Tunica saxifraga*, perennial candytuft, and alpine wallflower. Grass pinks give still larger clumps—and the old white variety, Mrs. Sinkins, blooms all summer. Violas will grow in partial shade; also use long-season Yellow Corydalis and primroses for clumps in light shade.

Walls of ledge rock beautiful in themselves need only small plants in crevices: the Encrusted saxifrages, small, webby sempervivums, and the tiny tufted harebells. In shade where there's moisture try also the mossy saxifrages and small rock ferns.

Plants hanging down from above will soften a mortared wall. Good choices are trailing babysbreath,



Bedding violas and native violets are dependable, do well in sun or light shade, form handsome clumps on walls

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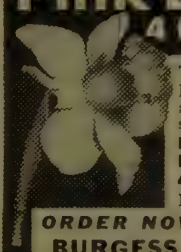
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Rock walls

Continued from preceding page

golden alyssum, blue leadwort (*Blue ceratostigma*), lemon and downy thymes, nepeta, trailing-type petunias and rockspray (*Cotoneaster microphylla*) with its evergreen foliage and bright red winter berries. Evergreen trailing junipers are good above high walls.

Correct planting is just as important as selecting the right plants. If your wall has poor soil behind it, you may have to scoop some of it out. Not all, just enough to mix in peatmoss, compost or other humus to loosen the soil. Mix in a good plant food for the immediate needs of your plants and a little slow-acting bonemeal for future needs. If digging sounds too



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formidable, you can do a fair job by poking holes behind the wall and sifting plant food and compost down into them.

Keep plants in a shaded pail with roots moist. Spread out roots in a fan shape as you set them in the wall. If you're building your wall, fill with good soil and plant in the crevices as you lay the rocks. In an old wall, clean out crevices with a chisel or pick, wrap roots in wet sphagnum moss, and slide them back into the openings on a flat trowel or narrow shingle. Have crowns higher than the roots.

Water from the front at first until roots have grown back. Soaking the crowns can harm them, so reach back of them with a long-spout watering can. After roots have grown through wall you can water entirely from the top and behind the wall with a hose. Be careful not to wash out soil, and give enough water so it soaks way down behind the wall.

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ne diary of a plain dirt gardener

By Harry R. O'Brien



Home brigade went into action. David mowed grass. Donald got vegetable garden in shape. And I wheel-hoed the strawberry bed

ay 1 In spite of cloudy chill, ng is coming on. If there weren't vergreen in the way, you could ight from the stair landing that e is an intermediate iris com- into bloom in the back bed. re are bloom stalks shooting up some of the tall bearded—way ad of schedule.

Radishes, some late, are up. awberries are coming into om. Asparagus is at hand and barb is simply out of this world fter Maggie gets it cooked.

And I see a yaller bush in bloom the shrub border to the east of lawn. This is *Rosa hugonis*, a ecies rose which grows up to six high hereabouts and blooms out now with bright yellow gle flowers. You plant it among shrubbery, not in a rose bed.

Made another planting of gar- peas. Some were Little Mar- and the rest were Green Bayou. his latter is a new variety devel- ed down South, said to be re- stant to heat, so it does well in mmer weather. It is good for ble, canning, and freezing. I orked in plant food liberally be- re putting in seed, to give the as a helping hand.

May 2 Sunday—and couldn't re- member name of that intermediate is in bloom, not having my rec- rd book along as I gazed. It is one of the older 35-cent varieties, but ust as purty as though I had paid ve bucks for it last year.

May 3 Ground too wet to work after rains of last night. So for daily gymnastics this late p.m., proceeded with unfinished prun- g. Sawed off limb of peach tree that had shaded front bed. Got into midst of shrubbery and cut out a wild cherry that had grown up.

There is a volunteer maple near- by amid said shrubbery that I'd like to whack out too. But Maggie insists that we let it grow into a tree. Now I don't want a tree on that spot. Maggie just doesn't understand principles of landscape design.

May 5 Home from meeting of our men's rose club, to find our dog, now 15 years old, is bad sick. Poor old chap. He wouldn't lie down. Just went round in a circle on liv- ing-room rug. Kept whining and moaning.

So toward 11 at night, David and I put him in the car and we made a wild dash in the darkness up to Lewis Center, to have Doc- tor Corbin, the veterinarian, look at him. While the doctor took care of the dog and gave him pills, I talked with his wife.

May 10 Vegetables up and com- ing. New strawberry plants look fine. But dearie me, the weeds are running a hoss race up and down the rows. Anyhow, I cut and brought in nigh unto a peck of asparagus.

May 11 "Lady, would you be in- terested in selling your home?" I heard some strange man ask at the front door. "Mercy no, we live here," replied Maggie.

I suppose we could sell our house for a lot more than it cost us to build it years back. That fine profit would make us feel good. But what would we do next? Prob- ably have to pay more than we got, for another house which wouldn't suit us so well. Besides, I'd have to begin gardening all over again.

Just between us, I expect to live here until we are dead and gone. I can't imagine ever being offered such a good job that I'd move away. Or enough money to make us willing to sell out.

Work time came and the home brigade went into action. David got busy at grass mowing. Donald began to get the main vegetable garden in shape. I went over the new strawberry bed and early vegetables with the wheel hoe. Used this in some roses, too. By then it was night.

May 13 Unlucky day. Rain most of last night. Clouds still hang heavy. Ground is sodden. Weeds flourish. Our place looks sadder and sadder. I hope no visitors come for at least 13 months, to give us a chance to catch up.

But did get in another big basket of asparagus, which is coming on too fast for us to use. It's high time for Maggie to begin putting some in the zero box in the basement, for freezing.

So this late afternoon David overhauled the motor and com- pressor on said box. A new belt was needed, so he bought that and put it on. I don't know what else he did, in way of cleaning and oiling. But it works fine. Thus his educa- tion in electrical engineering, now in progress, is paying dividends.

Meanwhile Donald, bossed by his mother, Mrs. Maggie, cleaned out the inside of the freezer box with hot water and one of those new detergents. I told 'em to wash it out again with baking soda dissolved in water. But land sakes —you can't tell a woman anything.

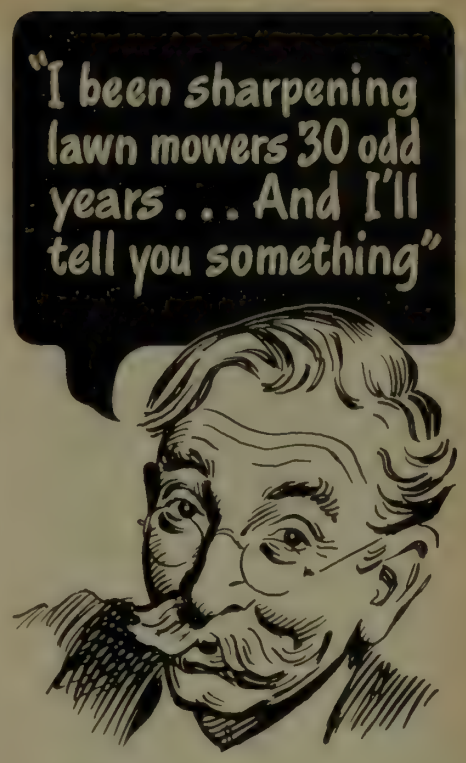
May 14 Inside of freezer now down to zero. So first thing this morning Maggie had that asparagus ready —whatever she does to get it ready—and had three boxes packed, sealed and down in the bottom of the freezer. We are off and away to another season of freezing food against next winter's needs. Rhu- barb, peas, spinach, strawberries, peaches, sweet corn, bush beans, Lima beans—these are items to work on in due season. Mebbe some chickens will be frozen, too.

Sam Caldwell, the iris enthusiast, down at Nashville, Tennessee, and secretary of the American Iris Society, gave me an idea last year. He suggested that the Society award a Joe Doakes medal each year—in addition to other medals. This Doakes award should go to an older iris, now down to a price reasonable enough for Joe Doakes and his wife. Joe and his wife like iris but don't care to buy the newer, high-priced varieties.

This sounds like a good idea. So I hereby publicly nominate Sno- qualmie for the first Joe Doakes medal. This is a creamy white iris that has been on the market since 1938. It is large, extra hardy, free blooming, and a vigorous grower. It is handled by most iris special- ists and sells for less than a dollar.

This I mention in passing, for Snoqualmie is now in bloom here, the first tall bearded iris to make its appearance. Also, the daylilies are coming on, two or three weeks early. No less than six were out to- day. Of special note is Brunette, a sort of brownish color, which is not so tall, and blooms medium size but in great abundance.

[*Turn to next page*



A fellow could write a long piece about the works of a lawn mower.

. . . about crucible analysis steel blades, self-aligning ball bearings, whether the gears are cast or cut, how the shield fits against the wheel, how many spiders there are in the cylinder and how the blades are fastened onto 'em—and so on.

Average man has to take things like that on faith.

People ask me about a new lawn mower, I just say, "What's the *name* of it?" Then if they say Great American, Meteor, Pennsylvania Jr., or Pennsylvania Power Mower, I tell 'em . . .

"That's *all you need to know*, neighbor. It's made by Pennsyl- vania, so it's a good mower. It'll really cut grass and it'll last you a long time."

Those Pennsylvania people been making fine lawn mowers over 70 years. Their mowers are always good grass cutters and I can tell you they're easy to work on. When you sharpen 'em they *stay* sharp. And when you true 'em up, they *stay* trued up.

I always say, "You don't have to know all the ins and outs of lawn mowers. Just get one made by Pennsylvania. It'll be a good grass cutter and will *really* give you service."

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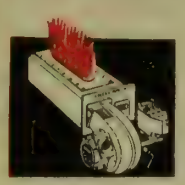
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Plain dirt gardener

Begins on preceding page

May 15 Forgot to mention that the other day when downtown I stopped at the seed store and bought a mixed assortment of 200 glad bulbs (or corms, if you want to be strictly accurate). These are to be put back in the vegetable patch to supply Maggie with cutting material. She gets just as much enjoyment out of this reasonably priced mixture as she would have from the newest, most fashionable and expensive varieties.

May 16 Home toward night and a terrible thing met my eyes as I came upon the rear lawn. All spring Maggie has been complaining because the branches of a group of three winter honeysuckles at the corner of the house have grown over the kitchen window.



A terrible sight met my eyes. Maggie and David had butchered three honeysuckle bushes with the pruning shears

Taking advantage of my absence, she hornswoggled Donald into getting busy with the lopping and pruning shears. Instead of doing a neat and artistic job, they just butchered those bushes. A wide and ugly gash has been cut right into the heart of them. It will take a year before they look like anything again.

It made me feel sorta like giving up the gardening ghost and taking to fishing for recreation. Or maybe pulling up stakes and going off as a hobo to live a free and easy life, away from all worries.

Well, I didn't, right off. I got out the color camera and my note and record books, to traipse the paths, looking for new blooms to record and photograph. And straightway met another tragedy.

One of the new iris set out last year is Sheriffa. This is a hybrid, not well known around here. It had bloomed and something had broken off the bloom—the first one I had ever seen. The color is a deep, rich violet and the large flowers are lovely.

May 18 Worked new strawberry bed, early vegetables, and some of the roses. Maybe this doesn't sound like big news, but it is a victory in the annual battle.

May 19 Aided by Donald, began the main vegetable garden this afternoon—two weeks late because of that rain. I got in the planting of sweet corn. I put several hybrids, which will mat at different times, to give a suc sion of corn coming on. As usua used a pinch of seed disinfectan protect corn against damping

May 20 This has been my "ha and hobble" day—an annual fair. Happy in the beginning, cause at last, sun has turned wa as well as bright.

First came the mums. On bed Donald had prepared, I pu two bales of peatmoss, and the where I ruined my back, lift and hauling them on the wh barrow. Anyhow, I scattered peat over the bed and worke into the topsoil with the cultiva Mums thrive in peatmoss.

I set my mum plants down th to four inches deep. As soon planted I watered them in, w water in which I had dissol plant food to give them a qu start. Tomorrow I'll pull dry over the damp spaces.

Back in the vegetable garde put out six rows of bush bean Keystonian, Logan, and Tend pod. Then two rows of those mix glads. Here I ruined my hand, a used a big seven-inch trowel to those bulbs down five to six inch That trowel handle wore a blister. In setting out glads, I not use any plant food. I wait ur spikes begin to form, then mak side application. This is my la man's way, but recent resear vindicates it.

This became hobble day wh the supper bell rang late and started toward the house. I h plumb ruined my anatomy, so could barely stagger in.

May 21 First chore was an arg ment with myself as to whether should weed the iris or hoe ne strawberries. Strawberries won.



The first hoeing of new strawberri is a delicate job. I use a small hoe ar take great pains because there's n substitute for careful work like th

Now this first hoeing of ne strawberry plants is a delicate jo It is best done with a small hoe. work carefully to get close to th plant, to get out every smidgeon weed, without harming the root and without getting any soil int the heart of the crown. There is n substitute for this careful work.

May 22 Saturday—and time t make a belated planting of ou main crop of potatoes. Donald re belled at my boondoggle way doing this and lit out for town. H came back with a double shove and rigged this onto the back o our garden tractor.

This contraption cost $16. Bu



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less time than I could cut the ces of seeds, he had the furrows de. We planted five rows. He de another furrow and we nted a row of glads—and no sters on my hand. Still another row, six inches or so deep—and planted a row of dahlias here. First, I laid the dahlia tubers in bottom. Then I sprinkled a n band of plant food around ch tuber, out four to six inches m it. Al Eggert, our local dahlia thority, says this is the way to do for it gets the plant food down in e ground, where it will be ready en root growth reaches it. Final detail was to pull about an ch of soil carefully over each ber. After the dahlia plants come , as I cultivate, I'll fill up the nch gradually.

May 25 Looking out an east win-w, I did see an old familiar end. That good red peony, herry Hill. Later, as I walked ound, I saw a half dozen other d peony friends, here for their nnual visit.

After I had labored a bit this te p.m., I paused to garner some ddibles and take them to the house. hen reported to Maggie in the ving room.

"The asparagus and radishes are n the kitchen sink," says I, "and he strawberries are in my tummy."

"How many berries?" asked laggie. "Three," says I. Thus was eported the news that the first of he season had been found.

May 27 "Now you hurry out and plant the muskmelons and Lima eans," I says to Donald. "I want o make a trip downtown to the ed stores and a nursery or two."

"I think I had better go along with you," says Donald. So off we went. On our trip I picked up some more perennial seeds, a packet of Luther Burbank zinnias I had neglected to get earlier, and our year's supply of all-purpose dust for the roses.



Tied a big red bandanna over my nose and gave the roses a good dusting. It made me look like a train robber but prevented a bad case of dust sniffles

Back home, I planted the muskmelons in hills six feet apart and about six seeds to a hill, which will be thinned to three plants. Under the hills first however, I buried some plant food. Then on to Lima beans, which I never plant until after ground is dry and warm and nights are warm, too.

By now it was practically dark. But wind had died down. So loaded the duster and gave the roses a good dusting. To avoid sniffles from the dust, I tied a big red bandanna over my nose. It made me look like a train robber but avoided trouble.

May 29 First hybrid tea rose is out—Pink Princess. And sweet corn is up, and crows are flying over. So made oration to David and soon after, heard him driving nails. He was making a scarecrow. Then he hiked back, carrying the frame and dragging along on the ground an old coat of mine.

At the moment, this scarecrow has no hat. Mebbe I should nail on my garden panama and buy myself a new one. He did tie a red bandanna to one arm. The color and motion of this bothers crows more than the rest of the scare.

May 30 Outdoor news is that I picked toward a quart of strawberries. And Oriental poppies made bold spots of color. I wish I had more poppies. But somehow I neglect to set out more at the proper time, in late summer. Maybe the fairies should drop in about July 31 and do it for me.

News Notes: *The American Iris Society has scheduled its annual meeting for May 14-16 in Portland, Oregon. Tours will be made to nearby iris centers. For details, write to Sam Y. Caldwell, Secretary, 444 Chestnut Street, Nashville 10, Tennessee.*

Members of the American Rose Society will hold their spring meeting at Chattanooga, Tennessee. Tentative dates are May 12-15. Write to Dr. R. C. Allen, Secretary, Harrisburg, Pennsylvania, for more information.

May 16-22 is Garden Week in Illinois.

Deadlier than DDT

Continued from page 139

Yet the evidence so far shows that parathion is probably no more toxic in its way than is nicotine sulfate. Even grandmothers use nicotine sulfate with no more precaution than they would use in handling strong tea, and continue to live on. We do hear of cases of nicotine sulfate poisoning, but very, very few considering its highly poisonous character. I know operators who apply parathion without protective equipment. I certainly wouldn't do so myself, but it has been done.

Rose growers often cut their stock for market the second day after fumigating with parathion. They handle roses by the thousands. None has reported any symptoms of poisoning yet.

It is possible that after we learn its limitations, we can get by with such simple precautions as wearing a good dust mask, and applying the material to the windward of the plants being treated.

In the meantime, there are no surpluses of parathion: the demand by experienced commercial operators far exceeds the supply. Manufacturers are glad to pass up the amateur market temporarily until they need the business. At present, the smallest package of dust available is 25 pounds (enough to treat about an acre) , priced at $13.50.

Parathion does not seem to be

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Deadlier than DDT

Continued from preceding page

particularly injurious to plants. It has caused some yellowing and dropping of leaves in rose houses, but usually at low temperatures. It should not be used at below 70 degrees—75 to 85 is better.

Parathion will probably never be a household spray, in spite of its ability to kill DDT-resistant flies. For household pests, including the tough German roach, Chlordane does an equally good job, has much longer residual effect, and is presumably less toxic to humans. Too, an overdose of parathion indoors is highly irritating to the eyes: it makes lights flash in front of your pupils.

Certainly parathion is an insecticide to watch closely. If approved for home use, it'll answer some of our toughest problems of insect control, and do a better job for less money, and, what is more important, with fewer strokes of the arm-breaking duster.

Grow iris

Continued from page 273

stone may be worked in to advantage.

Finally top off the bed with your remaining unfertilized soil mixed half and half with compost, and you're ready for planting. The general idea is that if the heavily enriched soil doesn't actually touch the rhizomes but is down where the roots can reach it, all will be well.

How far apart? A two-foot interval between plants is desirable, but many growers use closer spacing for a good immediate effect. One of the best plans is to set three roots of the same variety in a triangle, 8 to 12 inches apart; then move along about a yard before placing another group of three. This will give you nice clumps.

Irises are hardy and need no special cold-weather care in most of the country. But in northernmost areas they'll appreciate a loose winter coat of straw, excelsior, or the like—something that doesn't pack. Wherever there's much freezing and thawing, watch newly set rhizomes, for they are sometimes heaved right out of the ground. Firm them back into place.

Bloom on your own irises is always a thrill. For maximum enjoyment, practice a bit of showmanship. Keep the beds extra clean at this time. Make each clump a "production"; if several stalks come up crowded together, do a little gentle tilting and inconspicuous staking if necessary to achieve balance and uncover all of the flowers. Go through the garden each morning and pick off all withered blooms. And, of course, invite in the neighbors for a look. All year you've been a backstage manager; now with the curtain up, you're director. Watch your iris show become the hit of the season!

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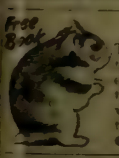
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More room in a divided space

Begins on page 274



Center of the house is the garden room floored in scuff-proof linoleum. It opens directly on the terrace and garden. Terrace is used for dining and lounging, and the boys play there when ground is wet. They store their toys at end of garden room in a closet designed for the purpose



The front yard is also designed with hard usage from children in mind. Here Billy, Jr., sets out for school over a yard paved with crushed rock. However, plenty of space is left for planting so home is attractive front and rear. Outdoor living, though, is concentrated on back part of lot

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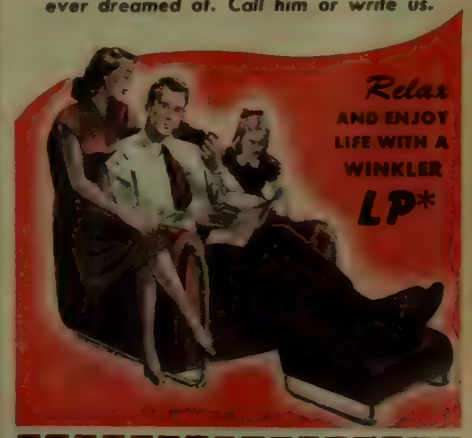
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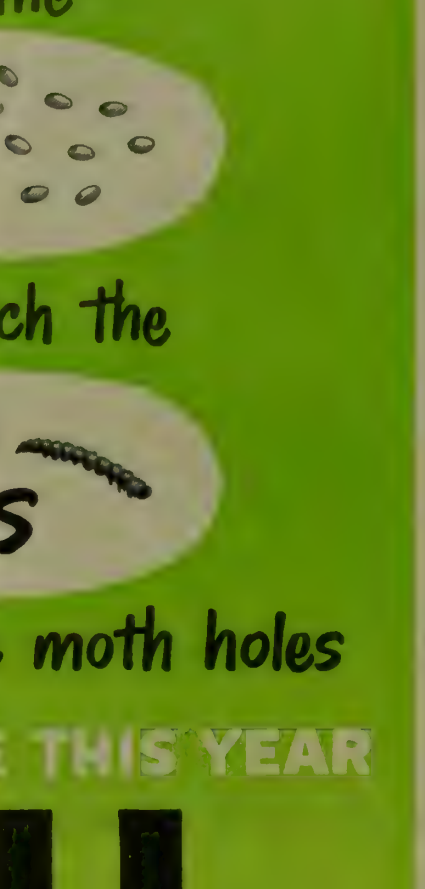
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Ways to impro



If you have a long slope to terrace, try using two or more walls of erate height. Note how joints are broken, also how corner roc second wall is slightly lower than rest of wall. If corners are same he an optical illusion makes them look higher giving a "pagoda" e



Field stone combines well with other materials. Here a concrete provides contrast to the stone and calls attention to the steps. A wall like this is always a good way to separate areas of the gar

ur stonework

Begins on page 246

od ideas to try if you're making den steps from stone



re's an idea for steps. Use layers of thin rocks for risers to create extra dow lines which add a surprising amount of character. You can sily learn to split ledge rock since it cracks naturally into layers



Here's another way to style your stone steps—use two or three blocks ide by side for the risers to make steps appear less formal and stiff. You'll also find that curving a long flight of steps as has been done here will take away much of the forbidding look of a long climb ahead

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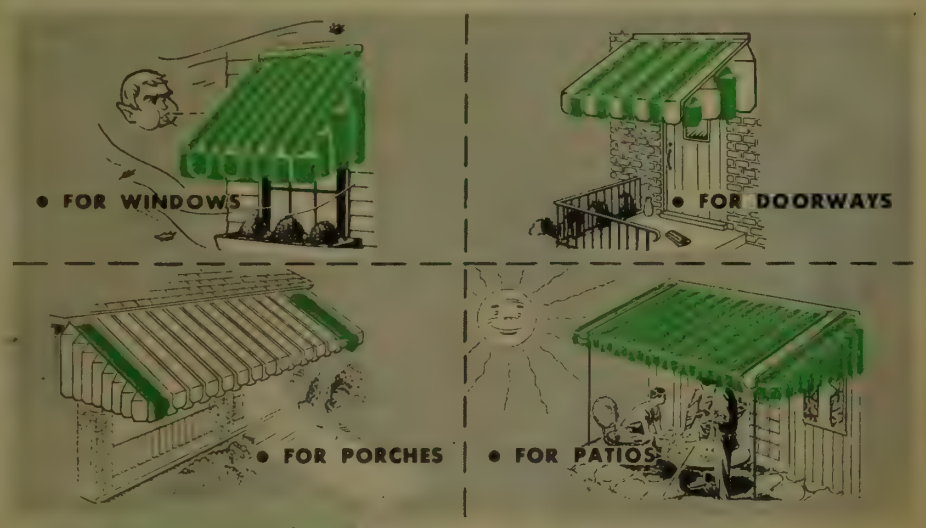
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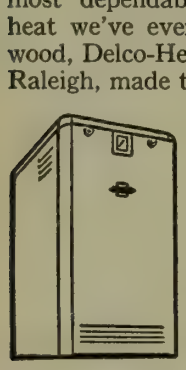
City ..... Zone ..... State .....



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Delco-Heat Boiler with the exclusive "Rotopower" unit —an automatic oil-fired furnace for steam and hot water systems. For oil, gas or coal-fired automatic heat, see your nearest Delco-Heat dealer. Or write—

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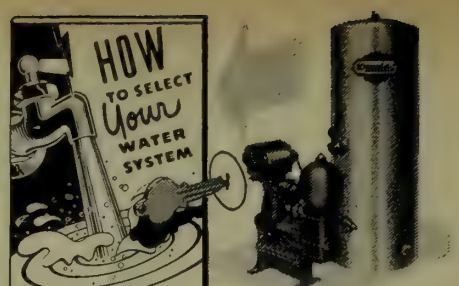
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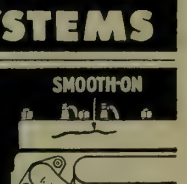
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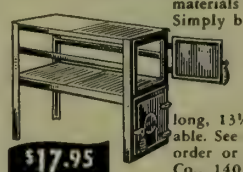
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570 Communipaw Ave., Jersey City 4, N.J.

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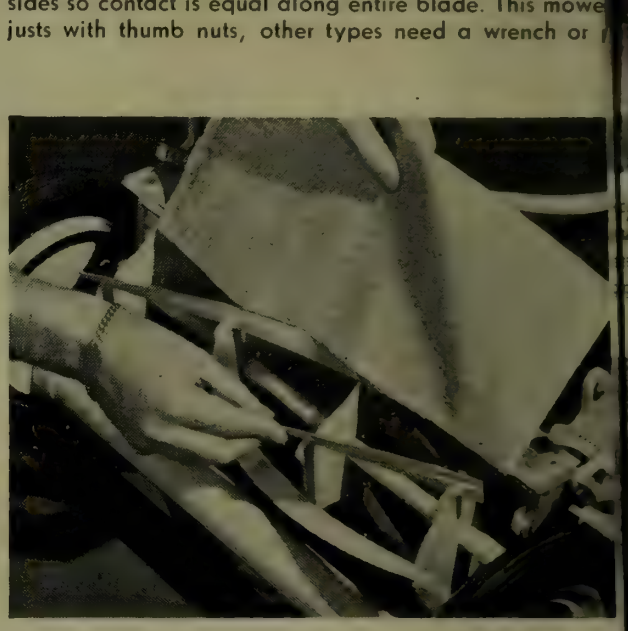
DELTA ELECTRIC CO., MARION, IND.

Delta BUDDY ELECTRIC LANTERN

More from your lav



Adjust underknife just to touch blades as they revolve. too close, blades stick; if too far, they won't cut. Adjust sides so contact is equal along entire blade. This mowe justs with thumb nuts, other types need a wrench or



Use paper to check setting of underknife. Turn mower up down and push blades slowly around. Paper should be cu cleanly as a pair of scissors would do. If blades bind c paper isn't cut along entire blade, correct the adjustm



Set mower on a flat surface to adjust cutting height. Measure fro floor to cutting edge of underknife and raise or lower roller to chan setting. For most grass 1½ inches is ideal. Some mowers require wrench to make this adjustment. Be sure both sides are set the sam

ower

Continued from page 14



dinarily, it's best to let clippings lie on the lawn where they form nulch over grass roots. However, a grass catcher should be used if re are weeds like crabgrass going to seed, or if the grass is so g and lush that clippings might mat down and smother grass plants



Where grass grows close to a tree you'd better lay the mower down and do a bit of hand-work. A pair of grass shears aren't as easy to operate as a mower, but they'll do a quick, neat job if you keep them sharp. Don't attempt to mow right up to a tree. You'll damage the bark of the tree and possibly harm the mower



Here's one way to get away from hand clipping. Build a brick or rock curb flush with the ground around the tree. Remove a little soil inside and fill with gravel to discourage grass and weeds. Pea gravel would be neater and less likely to scatter than the coarse gravel used above



More convenience—long-lasting beauty and work-saving features galore!

You'll thrill with pride in the beauty of an Elgin Steel Kitchen and you'll appreciate the time and steps you save in all your kitchen tasks. Whether a small compact kitchen—straight—"L" shaped or "U" shaped, Elgin has it! Regardless of the type of sink you prefer, Elgin has it! Planned accessories and features, Elgin has them, too! And, every Elgin sink and cabinet is of the very highest quality of workmanship, material and finish.

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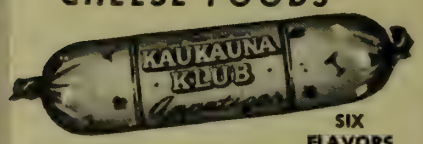
You'll Be proud to display the striking Highland Ivy Pattern (No. 3968) before your most "special" company. It imparts a luxurious, costly look, and yet is priced moderately. Only Blue Ridge makes the exclusive Highland Ivy Pattern. Every piece is a masterpiece, richly hand-painted under the glaze which keeps its beauty fresh and a joy forever.

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THERMOMETER

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New Home Plan Book. Pictures and plans for 66 outstanding small homes, designed for easier housekeeping, more family fun! Blueprints available for each home. Order *Better Homes & Gardens'* new book, *Five Star Homes* today! Only 50 cents from 2108 Meredith Bldg., Des Moines 3, Ia.

Cash for your recipe

Win $10 with a holiday bread or stuffed-bird recipe. That's first prize in our new recipe contest. Twenty runners-up will receive $3 each, so you have 21 chances to win a cash prize.

The first-prize recipe and seven others will be published in the December Cooks' Round Table.

All you do is write down your recipe according to the easy rules below, after reading our tips on what kind of recipes to send.

Holiday breads include yeast breads, raised rolls, quick breads, muffins, or biscuits—just so they are festive and special. You may want to send a recipe for holiday fruit bread full of raisins, chopped citron, and maraschino cherries.

Or your favorite may be a spice loaf fragrant with cinnamon, a coffee swirl glazed with frosting. Maybe a nut-filled English tea ring, poppy-seed rolls, or Danish pastry is holiday tradition at your house. Send in the recipe!

In the quick-to-make line, your Christmas table may boast nut bread, Kaffee Kuchen, or cranberry muffins. Whatever your favorite Christmas bread is, write down the recipe.

Stuffed birds include turkeys, chickens, geese, ducks. Give us your best stuffing recipe, tell how you dress and roast the bird.

Think a bit about all the stuffings you've made. Was the best a bread stuffing bolstered with raisins, pecans, mushrooms, oysters, or chopped parsley? Or was it a breadless stuffing based on cream-style corn, browned sausage and apples, or wild rice?

Send us your top-notch combination today.

And remember, the winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement, and six copies of the endorsed recipe.

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it, "December Holiday Breads" or "December Stuffed Birds."
2. Print your full name and address clearly in upper right corner of recipe page.
3. Give measurements in level cups, tablespoons, and teaspoons, never in heaping or scant measurements.
4. Be sure to specify in your recipe the brand names of the nationally known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.

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And most important, complete working drawings and material lists are available for every home illustrated. Get your copy at home-planning centers of stores listed on page 158 or—

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USE KITCHEN Bouquet
Kitchen Bouquet offers the easy, never-fail way to get *extra* rich, brown, delicious gravy! Adds no artificial flavor—simply steps up true meat taste. Helpful recipes with every bottle.

Life with Mother

Father was trying to prove to Mother that she wasn't enough of a mathematician to handle the family finances.

"I'll give you an example you can understand," he said. "How long does it take you to cook that new cereal we all liked so much this morning?"

"You mean the Grape-Nuts Wheat-Meal? Oh, that cooks in just three and a half minutes—it's very fast."

"How many servings could you cook in an hour?"

"About twelve?" she guessed.

"No, about seventeen," said Father. "Now do you see what I'm trying to tell you?"

"Of course," said Mother brightly. "We're having company for breakfast!"

Juice it Quicker with Kwicky JUICER
ROTATES ON PIVOT BASE HOLD ORANGE STILL .. Swing Handle!
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Guaranteed by Good Housekeeping
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541 Orange St., Coshocton, Ohio

5. Include 50 to 100 words about the history or origin of your recipe.
6. All recipes submitted become the property of *Better Homes & Gardens*.
7. Entries must be postmarked by midnight, May 31.
8. Address the recipes you enter to 5405 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines 3, Iowa.

This month's winners

Cook-of-the-Month is Sally Gibson of Des Moines, Iowa. Her Gold and White Cake is tender and moist; the delicately lemon-flavored golden icing is made special with a sprinkling of coconut. It's high: three layers.

A prizewinning yellow cake is Mrs. W. S. Smith's Lemon Layer Cake, extra easy and economical. Mrs. C. D. Lemmert's Maple-Nut Cake was voted by us as good as maple-nut ice cream. Both cake and frosting are maple-flavored.

Completing our star cake quartette is Mrs. Odus Harvey's Chocolate Layer Cake. This recipe won first prize at a county fair, Mrs. Harvey reports. Try it and you too will applaud the rich red color, the fine texture, the full devil's food flavor.

May vegetables take a bow on page 76 in the form of Asparagus Parmesan, Golden Carrots, Spring Vegetables a la King, and Peas in Patty Shells.

Mrs. Anderson suggests you broil asparagus topped with cheese-egg sauce. Mrs. Boileau makes carrots interesting by glazing them and serving with orange slices.

Mary Lally combines asparagus tips, peas, carrots, and green onions in mushroom-dotted a la king. Theresa Lessmeister serves peas and green onions in a sauce, subtly tart with lemon juice and sour cream.

Names of the 20 cooks who just missed first prize in this contest are listed below.

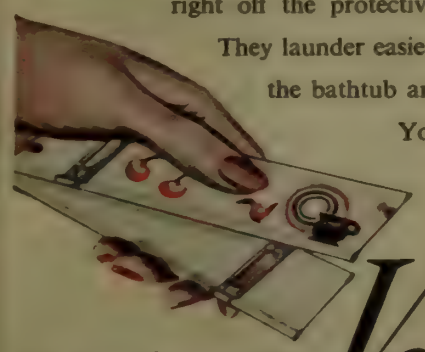
Honor Roll

Mrs. J. C. Anderson, Dallas, Texas.
Mrs. Burdette Boileau, San Marino, California.
Mrs. Ted Boye, St. Paul, Minnesota.
Mrs. Margaret Carr, Lake Mahopac, New York.
Mrs. George Crow, Monroeville, Indiana.
Mrs. Carl E. Evans, Delaware, Ohio.
Mrs. Arthur Guertin, Joliet, Illinois.
Mrs. Odus Harvey, Mena, Arkansas.
Mrs. E. R. Knox, Smithton, Missouri.
Mary A. Lally, Goldenbridge, New York.
Eloise Templar Leakos, Oakland, California.
Mrs. C. D. Lemmert, Ragan, Nebraska.
Theresa M. Lessmeister, Peru, Illinois.
Mrs. Orlo G. Natvig, Charles City, Iowa.
Mrs. Mary Newman, Columbus, Ohio.
Mrs. J. E. Pike, DeWitt, Arkansas.
Mrs. W. S. Smith, Wellsburg, West Virginia.
Virginia Snider, Owensboro, Kentucky.
Mrs. V. A. Stangarone, Springs, Pennsylvania.
Marguerite Strub, St. Joseph, Missouri.



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Privacy when you want it . . . and light, too even when *Sunchek* slats are completely closed . . . softly tinted, natural daylight . . . filtered through translucent fabric slats . . . preserving the decor of your home exactly as you planned it. No wonder that thousands of American homeowners will never again "board up" their windows with old fashioned, light-blocking blinds . . . not with cheerful *Suncheks* available to give them venetian blind smartness and daylight too. *Sunchek* is the sensationally modern blind that has the decorative world in a flutter of excitement . . . because, now, *fabric* blends with fabric at your windows to give you the kind of smartness that you can live with through the years. Gone, too, is the drudgery of venetian blind care. Loose dirt slides right off the protective plastic coating of *Sunchek's* fabric slats. They launder easier than your curtains . . . a quick sudsing in the bathtub and out they come . . . fresh, clean and crisp. Your favorite store can supply custom made *Suncheks* in plain colors or in gay, hand blocked prints for your kitchen or bath.



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RICHMOND-CHASE CO., SAN JOSE, CALIFORNIA

Style on a budget

Begins on page 58

completed the decorating and furnishing of three rooms on a total budget of less than $800.

You can see what the Claytors spent and what they saved by examining their itemized budget on page 295. They weren't "penny-wise," though, to the point of foolishly sacrificing quality for economy on their important buys. They spent their new-furniture money wisely to get good quality in pieces they'll want to use for a lifetime.

When Dave made the built-in radio you've seen in the Claytors' living room, he had an old radio cabinet left over. He put the mechanism of Betty's treadle sewing machine in half the cabinet, and gave it an electric motor. Then to make it serve as a corner dressing table he added a triangular plywood top and Betty finished it with a chintz skirt.

A great part of the Claytors' budget was invested in pieces ferreted out of secondhand stores and rummage shops. "The kind of antiques the museums don't pine for," say Dave and Betty Claytor. They laugh about their make-do's, but Dave and Betty have turned the trick with style on a budget.



BEFORE Johnny's room needed organization. More floor space for Johnny Claytor seemed impossible in an 8 by 12 room. Windows were another problem; the room needed all the light it could get. Both problems were solved inexpensively

AFTER



Floor space was saved with a box spring and mattress unit. The Claytors skipped window curtains altogether, settled for these green awning tops for the windows, and painted the ceiling and scallops in the same rich green of the awnings. Old cedar chest makes excellent box for toys

More on next page

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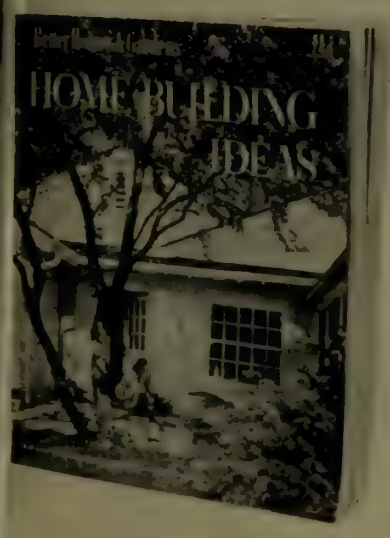
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Better Homes & Gardens Your Dog and Mine covers feeding, training, diseases, parasites, first aid treatment. Order your copy today from 5005 Meredith Building, Des Moines 3, Iowa. Only $1.

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Floor plans and illustrations of 50 brand-new homes. Each one full of good ideas you can incorporate in your home-building plans.

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72 of *Better Homes & Gardens* famous Five Star home plans put together in one big package. A home for almost every budget, almost any taste.

3. HOW TO PLAN YOUR HOME

Most important is the planning that goes into your new home. This authoritative section traces home-building paths step by step through lot selection, title clearing, and selecting a contractor to financing and landscaping.

Your building plans will make swift, smooth progress with the help of *Better Homes & Gardens Home Building Ideas* book—a complete and dependable guide to building your new home.

GET YOUR COPY TODAY—

at newsstands, lumber dealers, department stores listed on page 158. Or, order direct from Better Homes & Gardens, 5905 Meredith Bldg., Des Moines 3, Iowa.

Home Building Ideas $1

(In Canada, $1.25)

Here's the Claytors' budget, item for item:

LIVING ROOM

"We bought"

Two secondhand rugs	$45.00
Secondhand occasional chair	12.50
Used radio	10.00
Used record player	5.00
Provincial powder table (our one extravagance)	79.95
Black lamp table	42.50
2 Provincial armless chairs, velvet covers (pr.)	75.90
Dining table, unpainted drop-leaf	27.95
2 unpainted chairs at $2.75	5.50
Large lamp for black table	26.95
Bridge lamp	14.95
Brass lamp	9.95
Wall hanging at $1.35 yard	4.05

"We made"

Bookcase-cabinet unit and flower box, lumber	30.00
Paint for entire room	18.00
Slipcover for occasional chair	4.00
Draperies—white sheeting at 59c yd.	14.75
Picture frames . . secondhand, repainted (All prints—gifts)	6.00
Living-room total	$432.95

OUR BEDROOM

"We bought"

Hollywood bed	$86.00
Armless easy chair, (secondhand)	50.00
2 Unpainted chests @ $18.95	37.90
1 Unpainted chest @ $14.95	14.95
2 lamps for chest @ $7.50 each with shades	15.00
Mirror for chest	26.00
2 Cotton rugs, (secondhand)	6.00

"We made"

Bedside cabinets, canopy effect, drapery cornices, shaped strip trim on chests, lumber	10.00
Vanity table top	2.00
Vanity stool, secondhand	1.00
Draperies, bed dust-skirt, muslin @ 59c yd	7.85
Ruffling on bed wall, organdy at $1.20 yd	6.40
Drapery cornices, dressing-table skirt, chintz	4.95
Green bed throw, ribbed cotton	6.45
Paint for entire bedroom, walls, woodwork	7.45
Picture frames, secondhand, for gift prints	4.00
Total	$285.95

JOHNNY'S BEDROOM

"We bought"

Box spring and mattress	$39.50
Chest of drawers, secondhand, refinished	5.00
Chair, secondhand, refinished	1.00
Toy chest (secondhand cedar chest)	3.00
Bookshelves, secondhand, refinished	2.50
2 matching bedspreads for bed cover, toy chest cover and window "awnings" @ $5.95 ea.	11.90
2 gray rugs, cotton, @ $4.95 each	9.90
Gray and red paint	4.55
Lumber for bed frame	3.50
Total	$80.85
Less amount for Johnny's maple bed, sold at	6.00
Total	$74.85

TOTAL FOR LIVING ROOM AND 2 BEDROOMS: $793.75

Alumatic



The ONLY complete combination storm and screen window for your home!

ALUMATICS are storming America because they're best on every count!

complete PROTECTION:
Any time of the year, in fair weather or foul, your family is faithfully protected!

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No ladder acrobatics. No lawsuits. Nothing to change, store, or haul at any time!

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Young love

Continued from page 229

corner all afternoon to keep anybody from knowing it. I should have capitalized on it and been the life of the party. I had to be a college freshman before I could telephone a girl for a date without acute misery, and then it was my roommate—not my parents—who taught me.

But my Mom and Pop, rest their souls, were acutely R.F.D. He took her to their wedding riding behind him on the bare back of a mule. You and I in this mid-century have no such alibi. We know! We have at least the opportunity to acquire reasonable social presence, and we have sense enough to realize that it is important to our way of life. Your sons and my daughters simply must be at ease socially, or they will suffer not only in courtship but in all personal and business encounters. It can cost a boy a sweetheart, or a job, to be awkward at speaking with strangers. It can send a girl to her pillow racked with tears.

"Let's rehearse," I overheard Mom coaching, in our Rosemary's room one recent afternoon. I knew Rosemary was keyed up for her first dance. "Now just sit still when a boy approaches you. Pretend I'm the boy. Now I come to you. No matter if I am shy, or bold, or ill at ease or whatever, *you* be gracious, honey. The girl doesn't stand, unless it is an older person such as the chaperon or a teacher or a parent. Just look up and smile a greeting. Never an affected smile, but a real one. And a real smile shows more in the eyes than in the lips—did you know that? It actually originates in what we call the heart. Feel the friendly welcome, and your smile will show it automatically. No put-on; no trying to be anything but the sweet, lovely person that you are. When he asks for a dance, say 'Thank you, I'd love it' or something similar. Or 'Oh, I'm engaged for this one, but I'd love to later.' Listen to how the older girls do, if you like, and take some cues from them; the girls you admire, not the show-offs."

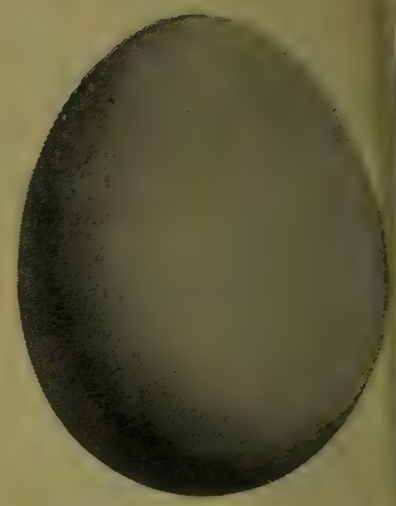
I can imagine you talking in equally common-sense earnestness to your son. I know that such coaching works.

We must not force adult standards of society on our teen-agers. You and I are, shall we say, dignified, mature, wise. We are content to sit out an evening at gin rummy or bridge, enlivened with nothing more than my sparkling wit and your even more clever repartee. We can stand it for hours.

But do you know what the reaction of the high-school crowd is to such a program? It's "Nuts! Let's *do* something!"

That is the feeling, also, of the kids from 10 to 13. It is almost as strong among those scholarly esthetes, the collegians. In short, let's do something is the slogan of youth. Adequate courtship requires that both the male and the female be

Goose? or Nest?



WHICH WILL YOU HAVE ?

For some reason, the goose egg stands for zero . . . nothing.

The nest egg, however, stands for a tidy sum of money, set aside for your own or your children's future.

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adept at suggesting things to do. Such a course of physical doing is an escape valve for pent-up sexual energy, even if the youngsters don't know it; it is protection for your son and my daughter against that bugaboo, desire.

Dancing is important doing. Dancing is physical, strenuous, and exhilarating. It is socially correct whether it be in shorts and jeans on the school tennis court or high-hat in satin and tux at the country club. Wherefore I must teach my three to dance well, or at least encourage them in it (truth is, they have taught me!). And if you veto dancing for your children, you had better supply something in its stead.

Remember that a boy has a driving urge to be near a girl when he's courting, and that can be arranged in skating, skiing, hiking, or charades; it can be done most safely where physical exercise is reasonably steady and in the company of other youths. If card or table games are on the agenda, limit them to an hour and break in with some kind of whoop-de-do; junior and junior miss will have a more balanced love affair if they have laughed hilariously, if they have pushed each other, played pranks, lifted the roof.

The lovely thought of a hero under a balcony softly serenading a heroine in the moonlight has its place—in theory, and in fiction. But if a gent came serenading one of my long-legged daughters, she'd listen dreamily for about 10 minutes. Then he'd better announce that he has two saddled horses out front and how's for a midnight ride. Or—my guess is—she'd toss him not a red, red rose, but a bucket of cold, cold water. She is too stuffed with vitamins to enjoy a languid courtship or be given to vaporous faintings. I think most modern youngsters are. Our adult role is to make sure they're not hoydenish, to make it clear that romance can be refined as well as strenuous.

The whole matter boils down to the fact that you and I as parents are destined for a stimulating life. We faced our own romance problems, then we begat some more! We'll still be watching and hoping and guiding and praying over young lovers even if we get to be great-grandparents; my mother kept it up until she was long past 80.

Would you have it changed? Would you alter one detail of this, the most divine life plan of all?

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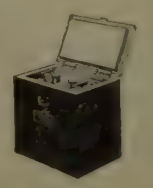
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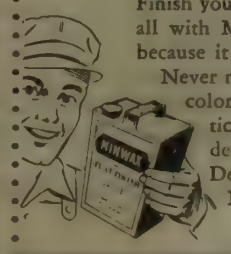


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Indoor-outdoor family room

Windows bring terrace

Picture windows tie an indoor-outdoor family room into one big recreation spot. When there's informality and comfort both inside and out, plenty of windows can tell the tale. Big windows mean more sunshine inside, too, and make even the smallest family room seem bigger and brighter.

Here, in the home of Mr. and Mrs. M. A. Wolin, Des Moines, are two big windows to bring outdoor living inside. At one side of the room is a tremendous picture window. At the end of the room is a semicircular bay window. Look over these pictures and see if you don't agree that big windows bring terrace fun indoors.



Soft drink and snack bar takes the rush out of the kitchen; it's handy for teen-agers' cokes or family buffets. Shelves at left hold books, games, records, magazines. Telephone and portable radio are on an end table beside the easy chair. Closets at back center hold wraps



Large windows make the terrace outside a part of the family-room fun. The picture window at left faces the terrace head-on and hardly divides indoors and outdoors at all. Doors at either side of the far bay window (right) lead directly out on the terrace. Because the bay windows and doors are the same height, traverse draperies can be pulled across the whole wall for nighttime privacy. Linoleum floor is waxed for dancing parties. Plenty of comfortable chairs and flooding sunlight make for pleasant talk and relaxing

ce un inside

By Vera Bradshaw

Photographs: Stanley



Just a step outside the family-room door is a huge stone fireplace where the clan can gather for Sunday supper or the youngsters can hold a wiener roast. Flagstone terrace like this is easy to tidy up after the fun. Fence and trees around the back of the fireplace assure family privacy

See also page 44

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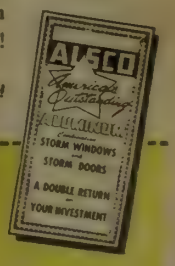
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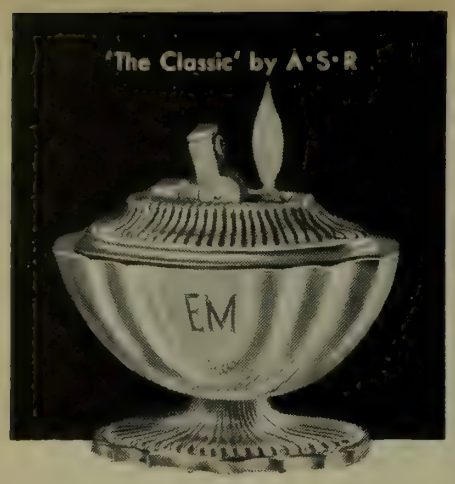
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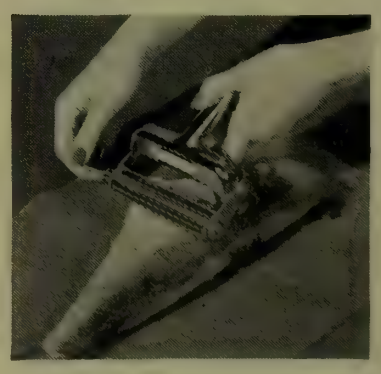




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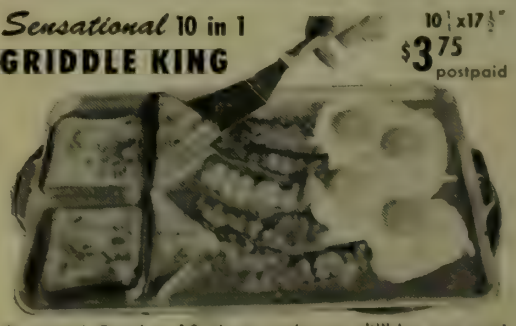
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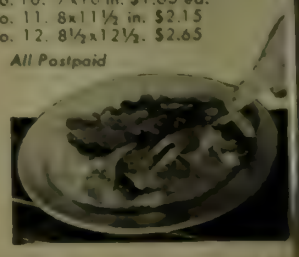
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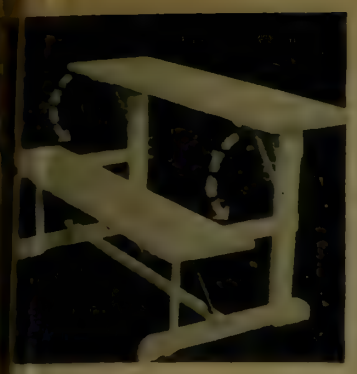
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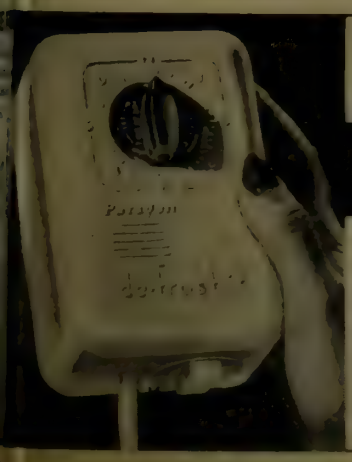
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4. **White Permanent Finish Organdy (high count) (Colored Center Bands)** 3.99
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Here is enduring furniture to grace any setting . . . lawn . . . garden . . . patio . . . sunporch . . . recreation room. And for a dash of summer living the year 'round, use GRAF furniture indoors to express your decorator talents.

ORDER NOW to insure delivery for summer-long enjoyment . . . and ask for beautifully illustrated catalog showing many designs of settees, chairs, tables, garden urns, ornaments.

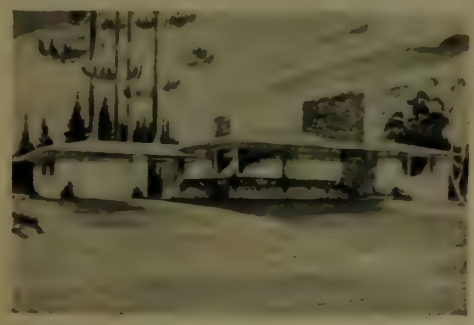


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Two brand new editions, one of frame homes, one of concrete block homes. Both chock full of the latest plans for modern living. Starter and garage homes, small homes, three bedroom homes, western ranch homes, modern designs, Cape Cods. Best of all you can order complete blueprints for any home in either book. Books $1 each postpaid. Order one or both. Home Building Plan Service, 2454-L N. E. Sandy, Portland 12, Oregon.



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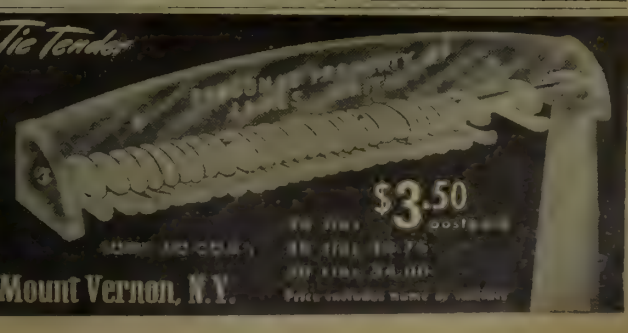
Lennor

3246 N. Hoyne Ave., Chicago 18, Ill.

*See mfrs. ad on page 284

Personalized Tie Tender

This handsome addition to a man's closet allows easy one-hand selection with all ties visible. Individual plastic hangers hold ties securely and move freely on chrome bar. Sturdy plastic mahogany back 15" long holds 30 to 50 ties.



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Now create many lovely and unusual things like the distinctive pansy coaster shown—made by embedding real pansies in Castolite- the "magic" liquid casting plastic. Comes crystal clear, or may be dyed to produce gorgeous color effects. Make really different jewelry, book ends, picture frames, candle sticks, figurines. Embed real flowers, butterflies, coins, medals, photos, for novel plaques, paper weights, tiles, other art objects. Use only home utensils. Follow simple step by step method. New pleasure, fine profits are possible. Send 25c for exciting new Home Project Manual showing how to get started. Write today. **The Castolite Company, Dept. E-23 Woodstock, Illinois.**

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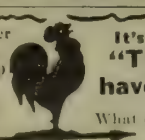
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Simply attach SWIRL-O-MATIC to any garden hose . . . the amazing turbine-action plus "magic" detergent quickly cleans, gives car a gleaming jewel finish. • Rinses as it cleans! No streaking! • No rubbing, scrubbing, wiping! • Easy to use . . . weighs less than 1 lb. • Guaranteed! Economical! Pays for itself in 5 or 6 washings. **FREE!** Special washing detergent. **SPRING CLEANING MADE EASY!** Get ready—order Swirl O Matic now to clean up and store storm windows, clean screens, windows, etc. Order 3 ft. extension ideal for this purpose —$2.50 extra (Prepaid). West of Mississippi: add 25c each item

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What else adds so much charm for so little money? Graceful vanes, 24" high; ball-bearing swivel, easy to mount. Order direct, only $7.95 prepaid. Money back if not pleased. WRITE for free illustrated brochure, 17 delightful designs.

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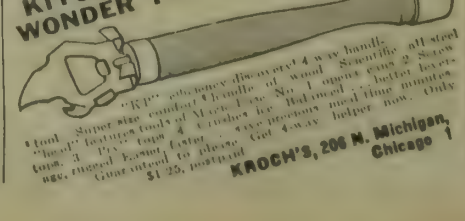
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KROCH'S, 206 N. Michigan, Chicago 1

Through the shops



A charming couple, these little Chinese figurines come to you unpainted in a kit with all the necessities for decorating them. Ample paint is included to give you a choice of color combinations; undercoat, glazing powder for a high gloss, brushes, and simple instructions. Figures are 4 inches high. *Cerami-Kit*, $2, ppd. Cerami-Craft Co., Box 1074 U.P. Sta., Des Moines 11, Iowa.



To show off a glossy green vine real advantage, give it a backgrou of glowing copper or brass. T window-box planter is slotted at ends to allow watering from neath the plants; a low ledge insi holds pots just above the botto Planter is 14″x3½″x4½″ high; solid copper or brass, lacquer against tarnish, at $6.95; copper ca $4.95; ppd. Saybrook Gifts, 777 L ington Ave., New York 21, New Yo



For the broad-shouldered man—size 42 and up—they've designed a coat hanger that fits the extra breadth and keeps his suit coat smooth and unwrinkled. Of polished blonde hardwood, the hanger lines follow the contours of the coat. The attached trousers hanger opens and closes with a spring action lever, holds trousers firmly. *Setwell Twenty-Incher*, $3.25, in stores or ppd. Mackie-Lovejoy Mfg. Co., 1701 W. 13th St., Chicago 8, Illinois.

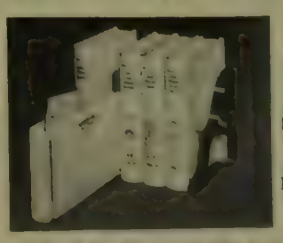


Lidded casseroles are perfect for i dividual stews or meat pies. And, course, your favorite French resta rant serves its incomparable onic soup in just such dishes. These a the color of rich cream, hand-dec rated in rose and green under t high glaze; 5½″ in diameter. Set four casseroles, with lids, $4; eight for $7.50; ppd. east of Mi sissippi. Add 50 cents for each 4 wes Crum Creek Traders, Village Gree Wallingford, Pennsylvania.



Play a tune on an accordion and see how simple it is to make music. The larger instrument has 10 keys (produce 20 tones), numbered to match notes in the instruction booklet included. It's $3.95 plus 25c postage. Junior size for small youngsters plays 12 tones; $1.75 plus 25c. Either style comes in bright red or pearl-colored plastic, with plastic-leather bellows. Berkeley of London, 2272 Broadway, New York 24, New York.

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SIGN—Excellent design. Sturdy struction. Wrought iron bra heavy aluminum name plate silhouette choice of duck, spa sailboat or any breed dog. Rich finish. Name painted in white on both sides. $

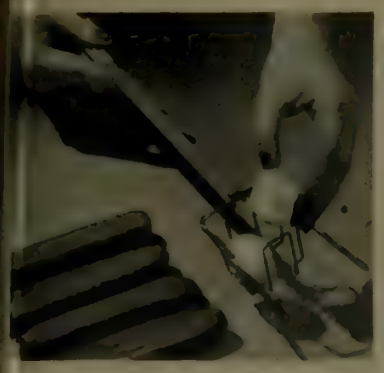
LANTERN—Ma copper. Black f Sand-blasted chin 12" high, 5½" wide. $1

Free Catalog of Handcrafted Pro

Hagerstrom Metalcraft Studio, 56 Milwaukee Ave., Wheeli

All purpose hanger-hook for the bathroom is crystal clear plastic; unobtrusive on a bathroom wall, but ever ready to hold a robe, lingerie, or towel. The children can keep their own towels sorted out by initials. Add an elegant note in the kitchen for tea towels. Utility hook, 4 inches long, is 75c plain, or $1 initialed, ppd. Mailshop, 10 Main St., Winneconne, Wisconsin.

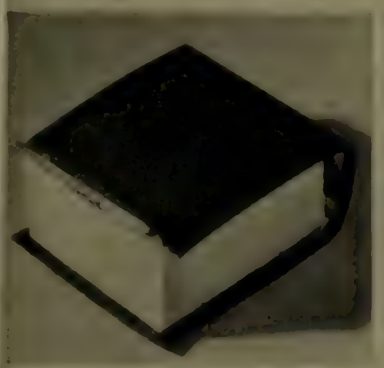




Toast marshmallows and roast wieners all at once for your picnic lunch. Wieners slide onto the two tines of this 30-inch fork; the marshmallows roast in the covered basket under the tines. Or you may cook eggs (in the shell, of course) or hamburger balls. *Marsh-Mel Bar-B-Q Toaster*, all steel, $1.65 for 2, plus 25c postage. B & B Shops, 235 Loeb Arcade, Minneapolis, Minnesota.

For a cheerful breakfast, try serving it on this delicately hand-painted tray set. Across the morning-glory design is inscribed "Good Morning," to start you off right. Permanent finish organdy in white, pink, blue, or yellow, the tray cloth, 15"x20", with two napkins, is $2.95, ppd. Matching apron, also of organdy, is $2.25. Lady Jane Studios, P. O. Box 252, Mt. Vernon, New York.





Fat little memo pad will take notes for you for months to come. The cover is soft leather in green, red, or brown, with a loop to hold the gold-filled pencil. Cover flips back and stays out of the way while you're writing. *Chunky Memo Pad* with pencil, is $3, ppd. Pad of about 500 sheets, each 3"x3½", is replaceable for 60c. Camalier & Buckley, Inc., 1141 Connecticut Ave., Washington 6, D. C.

Planter lamp of bamboo blends happily with modern furnishings, gives a cool look to a room or porch setting, and holds vine or ivy at its foot. The bamboo is polished to a golden glow; rattan strips wrap the planters to the lamp base. *Bamboo Planter Lamp*, 27 inches high, is $13.95, ppd., without the shade. With red, yellow, or chartreuse terry-like shade, $18.95. Bamboo Craft, Box 2513, Boynton Beach, Florida.



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a Revival of the 1880 Street Lantern!



Authentic Americana! A Street Lantern of the 1880's for your doorway, garden, drive entrance or porch. Made by original manufacturer (Est. 1840), using original tools and dies. Black weatherproof finish — frosted glass globe — 22" high — easily mounted on post or pipe — converted from kerosene for electric illumination. Unusual value—$15 ea., shipping charges included. Mail order TODAY—with check or money order. Pairs are doubly handsome!

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. . . with new, fine quality tapes that add new beauty to your blinds. Send $1 for 5 yards, postpaid. State size and color. Or write for FREE Color Card.
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RECIPE for a Smart Spring Luncheon

Open-Faced Sandwich (Service for 4)
8 tbls. Applesauce 8 Link Pork Sausages
4 Strips American Cheese 4 Slices Bread
Toast bread. Spread each slice with 2 tbls. applesauce. Place 2 browned sausage links on each. Join together with strip of cheese. Place in broiler. Broil until cheese melts. Serve with fruit salad and beverage.



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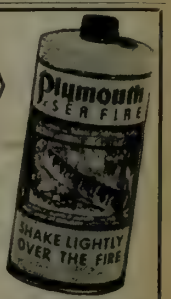
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6' x 9'	69.85	6' x 9'	34.50
8' x 10'	97.50	8' x 10'	59.50
9' x 12'	128.50	9' x 12'	76.50

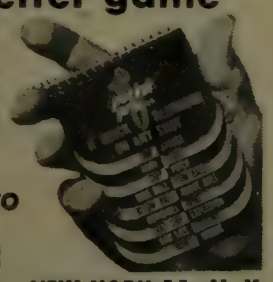
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Tidy up, clean up, hang them up. Holds sashes lengthwise or sidewise.

Eliminates rotting and warping; reduces glass breakage. Hangs any standard make of wood sash from ⅞" to 1 3/16" thick.

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A DECORATIVE, USEFUL GIFT

This 6" figurine in glistening china has hand-painted, red and white striped body, rosy cheeks, black hair. It's a clever container for old razor blades or a bank for coins. An ideal gift for Father's Day, birthdays, bridge or showers. Your friends will love it. Only $1.85 plus 15c postage.

GAY 90's ART CHINA
Box 1532, Youngstown, Ohio

Never-Fail BED SPRING RESTS



They take the place of unsafe, dusty slats — won't let your bed collapse; won't collect dust. Made of heavy steel; guaranteed for life. Finished Mahogany, Walnut, Maple or Blond. Specify finish and thickness of bed rails.

Set of 4 **$2.50** Post pd.

BROCK & CO. 1711 N. Decatur Rd., N. E. Atlanta 6, Georgia

VENTI-LOCK Ventilation with Protection!



Window may be raised past lock.

When lowered window locks automatically.

All the fresh air you want and complete protection from prowlers too. Grand for upper story windows and nursery windows—to keep youngsters safely in! With mounting screws. Complete. Four for $1. Postpaid. Dept. B. **M & J CO., 510 Third St., Des Moines, Iowa**



BETTER KNITTING WITH QUALITY YARNS

Knitting becomes a pleasure with famous Botany and Spinnerin top-quality yarns. Softer, fluffier, easier to handle. Better results in knitting dresses, sweaters, afghans, socks, baby sets, etc. Reasonably priced. Send 25c for samples of worsteds, zephyrs, sport yarns, dressy yarns, etc.

LESTRA KNITTERS
10238 Dexter Detroit 6, Mich.

SEND 25¢ FOR SAMPLES

FOR FATHER'S DAY



This genuine Saddle-Leather Tie Case is a happy travel aid. Folds flat. No need to *pack* or unpack ties. Self-contained hanger, hooks anywhere. Handkerchief pocket. Only **$2.95** plus 25c postage. Gold-Stamp Monogram, add 75c.

M. C. FLYNN, Inc.
Established 1901
43 E. 59th St., N.Y. 22, N.Y.

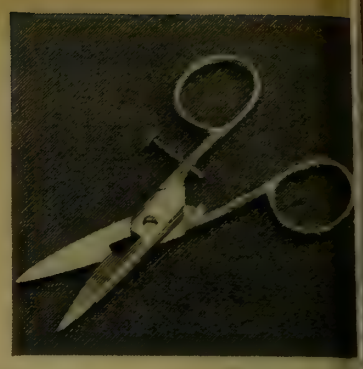
The new "HAND FREE" MAGIC VIEW



looking glass turns and tilts on its own tripod, and is adjustable from 24" to 6', locking easily at the desired height for dozens of uses. One side magnifies. Easily see any view of the back or side of your hair at your dressing table or bathroom mirror. Handy as an extra make-up or shaving mirror to relieve bathroom congestion on busy mornings. *Magic View Mirror* $7.95 prepaid.

MAGIC VIEW CO. 1237 16th St., Denver 2, Colorado

Through the shops



Our grandmothers knew a lot of things. One of them was to use a pair of scissors like these to cut buttonholes. A setscrew between the handles accurately gauges the length of slit you're cutting. Cut buttonholes from the tiniest up to 1⅛" long. Scissors themselves are 5" long, of forged steel, polished smooth. Ppd., $2.50. Foster Products, Inc., 179 Wooster St., New York 12, New York.



Place mats of sturdy, long-lasting reinforced plastic come in gay gingham-like plaid, red and white on one side, blue and white on the other. Mats lie flat to the table, protect the surface from heat, and deaden the clatter of silver or china. Each mat is 17"x10⅝", wipes clean with a damp cloth. Set of four reversible mats, $2.95, in stores or ppd. Grandmother Stover's, 1504 W. First Ave., Columbus 12, Ohio.



Water pitcher of generous size (2½ quarts) and almost unbreakable plastic construction has a special feature to make you like it: It can't drip! We've tried various liquids in it, but not one of them makes the pitcher dribble. Bubble-light, the pitcher has an ice guard and a comfortable handle; comes in sparkling red. *Pour-Rite Pitcher*, $1.49, ppd. Miles Kimball Co., 25 Algoma Blvd., Oshkosh, Wisconsin.



Highly mysterious is the only thing to call the way this knife opens. The 3-inch pearly handle encloses a steel blade that appears only when the knife is properly held. Closes as mysteriously and can't be pried open. The directions for the secret are included. Junior can mystify his friends, and anyone will find it a fine pocketknife. *Mystery Knife*. $1.35, ppd. Robert Kellogg Co., 80 Hillman St., Springfield 2, Massachusetts.



Your own name and address printed on gummed plastic tape serves as the return for letters and packages, labels books, umbrellas, sports goods so they come home to you if lost. Tape is ¾ inch wide, your name and address is printed every 1", in black on light blue, yellow, silver, or white. With the dispenser, a 500-inch roll of *Personalized Scotch Tape* is $3.50, ppd. Transparent Products Co., Inc., 324 E. 24th St., New York, New York.

PARTY PEP for Young or Old with QUALATEX BALLOONS



YOUNG OR OLD, every age group enjoys a peppy party. Toss out these sparkling "pleasure bubbles" —have a gay time! Bright jewel-like colors, amazingly tough, durable. Exciting new assortment, clean-sealed in cellophane Party-Pax of 12—25¢ at your store, or send $1 for 4 (48 balloons) to The Pioneer Rubber Company, 102 Tiffin Road, Willard, Ohio.

Guaranteed by Good Housekeeping IF NOT AS ADVERTISED THEREIN REPLACEMENT OR A REFUND OF MONEY



BONUS with each order—party booklet, "More Fun With Balloons." Booklet alone 10c

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SHRIMP SERVER

Sparkling, crystal server for seafood (with cracked ice in the 12-in. bowl) salads, fruit, etc. Separately, use the large bowl for salads, snacks, flowers. Center bowl grand for candy, mayonnaise, salad dressings. Sorry, no C. O. D.'s. Prepaid. . . . **$5.50**

Malcolm's House & Garden Store
524-E N. Charles St., Balto-1, Md.

If every meal for Baby means more laundry, try an *Eat-N-Vent High Chair Apron* in pink or blue. It slips over Baby's head and arms; long strings tie around chair legs to keep Baby from standing up; a deep pocket at bottom slips over the tray so spilled food stays on the apron instead of dropping to the chair seat. In stores or ppd., plastic film, $1.69; or plasticized cotton, $1.89. Carrier & McKewen, 305-7 W. Redwood St., Baltimore 1, Maryland.





A dry-frying griddle cooks hotcakes, steaks, and chops without any grease due to its special frying surface. Or cook the breakfast bacon and eggs all at once on the generous surface—19½"x10½"—big enough to fit over two burners for even distribution of heat. Either side is usable, depending upon whether or not you want the meat juices to run off. Aluminum *Dry-Fryer* is $4.95, ppd. Frawley Brothers, 118 S. 41st St., Birmingham, Alabama.



Wall plaque of delicately patterned Sirrocowood in the form of a rose supports a copper planter for your favorite bit of greenery. The plaque is finished in white, high-lighted with gold; 9½ inches high; planter is 3½ inches across the top. To brighten a dull spot on your wall; the planter plaque is $3.25, ppd., or a pair for $6.25. Ellison's, Box 284, Orange, New Jersey.

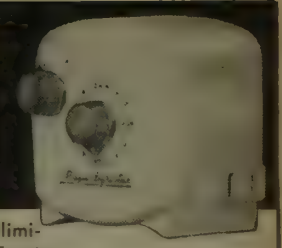


A *Cracker-Stacker* is, obviously, designed to stack crackers. We mean, stack them to serve with or without (we'll take ours with) cheese. You know how crackers slide off the plate and scatter crumbs on the table and rug. But this little holder keeps any kind of crackers in line for neat serving. Patterned after a French Provincial design, the *Cracker-Stacker* is blonde mahogany; $2.50, ppd. from Walter Drake, Colorado Springs 2, Colorado.

Wind-up toys used to delight us when we were kids. And now they're back again, to delight our children with their realistic antics. Here's *Boby the Monkey*, dressed in vivid colors and pedaling a bicycle around in frantic circles. He's 5" high to the top of his red pillbox cap, and all made of metal; winds up with a key. *Boby* is $1.75, ppd. from Q. T. Novelty Co., Box 54, Murray Hill Sta., New York 16, New York.



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Saves Time—Saves Money—Saves Food—Magic Defroster eliminates defrosting your refrigerator forever. Guaranteed satisfaction or your money refunded. Fully automatic, can be set to fit all conditions—just plug it in. If not available at your dealer's, order direct. 110-Volt, 60-cycle A. C. only.

BASIC PRODUCTS CORP., Dept. 101, 1700 No. Harrison St., Ft. Wayne, Ind.

$9.95 Postage Prepaid

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Armstrong SPRAY PUMP

Only $5.95

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Solid brass pump with 27" long hose. Length overall 42".



This latest model Armstrong Spray Pump has many uses on farm, in garden or orchard - DDT to destroy bacteria, insects; chemicals for weed control; whitewash and cold water paints; sprays livestock, barns, lawns. Has enough force to reach the tallest trees. Nothing to get out of order, always ready for action. Just attach to any bucket or barrel. Satisfaction guaranteed.



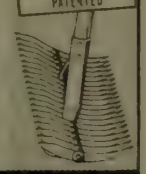
ARMSTRONG SPRAYER with 5-gal. galvanized knapsack $13.50 postpaid or C. O. D. Order today. Armstrong Products Corp., Dept. BH, Huntington 12, W. Va. Est. 1898.

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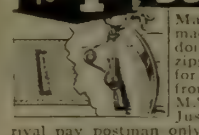
HEMSTITCHER



Hemstitch with this handy attachment on ANY sewing machine. Also use for picoting, tucking, etc. Make comforters, rugs, slippers, handkerchiefs, etc. of any material. Also, lovely fringe for curtains, slip covers, draperies, etc. Simple directions included.

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Make button holes on your sewing machine . . . quicker and easier than doing them by hand. Sews buttons, zippers, darns stockings; wonderful for quilting. Sews in all directions . . . front, back or sideways. FITS ANY MACHINE. SEND NO MONEY. Just mail name and address. On arrival pay postman only $1.00 plus postage. Send cash with order, we pay postage. Satisfaction guaranteed or your money back. Order TODAY!

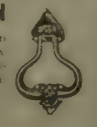
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Hand-wrought riding light for guests in the early American tradition. A very exceptional buy in copper. Post Lantern. Size 10" square x 18" high. Price $14.75 Express Collect

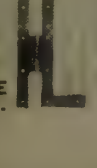


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HIDES BOWL BRUSH IN BATH ROOM CORNER



MOTHER WANTS A HIDE-A-BRUSH

This attractive semi-circle of metal, enameled white with floral design, is a neat disguise for a toilet bowl brush. Sits demurely in a corner of the bathroom; suspends, at the back, a bowl brush over rustproof metal drip pan. Saves steps—saves work—provides convenient place for otherwise hard-to-park wet brush. With NIBCO Brush included, it's $1.89 in stores; $2.00 postpaid by mail.

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De Luxe Tea Wagon Plays Many Roles

The versatile "Arden" plays host in home and garden. Invaluable for teas, cocktails, buffet suppers, and in the nursery and sickroom. Smoothly sanded hardwood, ready to paint or stain. You'll assemble it in five minutes: Size 18" x 28" x 31". Also available finished in Chinese Red, Green, Canary Yellow, or Black Lacquer: Maple, Mahogany or Natural—$5.00 additional. Please send check or money order to:—

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There's spacious relaxation for you in these non-tipping, body-proportioned ARNDT chairs. Sturdy, rust-resistant, slimmed aluminum-tube frame keeps cool as sun! Rubber feet prevent marring or scratching of floors. Replaceable seat and back made of durable vat dyed duck in choice of blue, green, red or tangerine, reinforced with white piping. Fold it when not in use. LOW cost - tremendous value! Rush postcard now, for FREE bargain catalog and your dealer's name.

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ONLY **$14.85** POSTPAID

WHERE TO BUY IT: See Moto-Sander at your dealer's. If he cannot supply you, order direct from factory on 5-day trial (**MONEY-BACK, GUARANTEED**). Send only **$14.85** (check or M.O.) and we will ship postpaid; or send only **$2** now, and pay postman balance plus postage.

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This different outdoor furniture, built of beautiful natural Southern Cypress, is graceful and unique. Dip treated with clear toxic wood preservative and water repellent for all-weather protection. Sturdy construction throughout—joints dowel inset, fastened with split cypress bands.

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6 PIECES —settee, 2 chairs, coffee table, side table and foot stool. **$44.70**

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Set of 8
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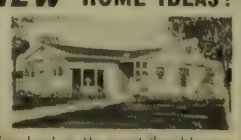
Design on each handle represents a different flower. Spoon bowls are gold finished. Set of 8, gift boxed. **$15 Postpaid.**

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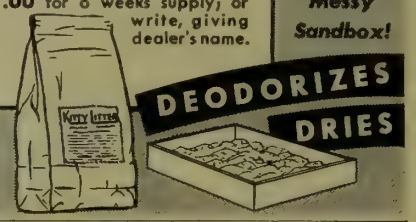


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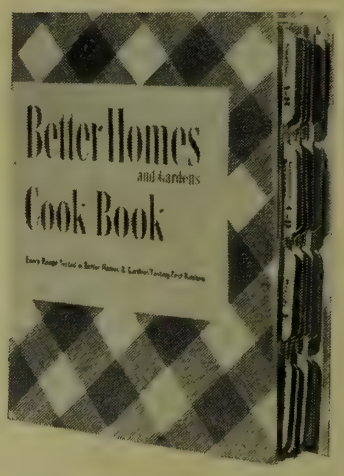
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Through the shops

Currier and Ives prints strike a nostalgic note in everyone's heart. Here they're faithfully reproduced on china tiles, hollowed at the center to serve as ash trays or coasters. Each tile is 4½" square, with the scene hand-colored under the glaze. Eight famous and favorite subjects are available at $1.25 each, ppd. Crane's, 419 E. 57th St., New York 22, New York.



The fashions our great-grandmas wore are sweetly portrayed in Godey-type prints. Actually, they're illustrations from well-preserved French fashion magazines published in the middle 1800's. No two are just alike; but in all, the pastel colorings blend pleasantly with delicacy of design. Sizes are about 10"x14", may vary slightly. *Fashion Prints*, $3 a pair, ppd. Paris Etching Society, 36 W. 47th St., New York 19, New York.



Gay little animal characters may romp across Junior's T-shirt or overalls, trim his sweater and cap or keep him company on his pillow-case at night. They can be used to cover a mend, too, on small garments. The figures are cut from washable, fast-color felt in bright reds, blues, pinks, and white. The largest is 2 inches tall. A set of 12 *Felties*, 6 different figures, is $1, ppd. Janss, 725 Rahway Ave., Elizabeth, New Jersey.



Card-table cover of durable plasticized cloth is held taut by elastic bands at corners. One side is plain, the other printed with checker or backgammon design, your choice. Color combinations are green and tan, cherry-red and gray, chartreuse and green, plum and tan; with 30 checkers and a pair of dice in harmonizing colors. *Twin-Top* set is $4.95 in stores or ppd. Vagn Larsen Co., Inc., 849 First Ave., New York 17, New York.



Strictly utilitarian, as an ash tray should be for use in kitchen, garage, workshop, or bathroom, this model attaches to the wall on a chrome-plated panel. The tray with two grooves to hold cigarettes, lifts out of the rim for cleaning. Useful wherever a table model is impractical, the *Wall Type Ash Tray* is 50c, ppd., from O. Johnson Mfg. Co., 8600 Willow Springs Rd., Willow Springs, Illinois.

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EVEN A VANITY CAN BE ORGANIZED!



You'll find a place for everything in this compact, sturdy Bakelite tray. Has 11 handy compartments for pins, combs, brushes, beauty aids. Rounded inside corners for easy removal of small items. 15" x 12" x 2". Such an ideal gift for Mother, too.

$3.50 POSTPAID
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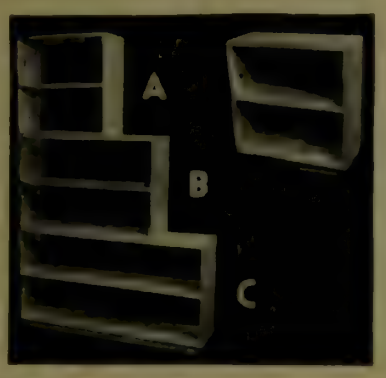
BERNE MARLING
"Among the Smart Suburban Shops"
Dept. R, White Plains, N. Y.



The only juke box we've ever wanted to own is this realistically colored plastic one, 8 inches high, that plays a gay tune whenever you drop a coin into the slot. The clear front shows the Swiss-made works, tiny metal drum with strategically placed pegs that twang thin steel fingers to produce the music. Fascinating to watch, and encouraging to the banking of small change. *Juke Box Bank*, $5.50, ppd. Davis', 14 E. 3rd St., Tulsa, Oklahoma.

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dular bookcase units let you d your own, yet turn out pro- nal looking pieces. Knotty pine is cut, grooved, and d; your share is simple as- ly and finishing. All 11" deep, t high; Unit A is 2 feet wide, ; Unit B, 3 feet, $6.45; Unit C, t, $7.95 without base. Bases are , $1.45, and $1.75 respectively; B. factory. The Wood Market, 3 North St., Mt. Vernon, New .





Sassy Duck has captured every heart in our office with his flirtatious ways. He's made of brilliant yellow plastic and to make him waddle across the floor, all you do is push him gently. Off he goes, waddling fatly, rolling his eyes and quacking all at the same time. Supposedly for Baby, but Baby won't have a chance with any grownups around. *Sassy Duck* is 6½ inches long; $2.25, ppd. Randel Associates, 32-03 Bergenline Ave., Union City, New Jersey.

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tray to hold your lunch while you in the car prevents spills, makes meal more enjoyable. The tray all metal with rubber-covered ns to hook it over the back of the at. It may serve either back- or nt-seat passengers. When chil- en are riding in the back, the tray ay serve as a play table for toys or mes that relieve the tedium of a g trip. *Car Tray*, 12"x15", $3.45, pd. Car Tray Co., 237 Moss Ave., oria, Illinois.





If it's a tossup whether you'd rather play cards or eat, you can do both at once, with a server like this one. Of Bakelite plastic in red or black, the tray is partitioned to hold glasses, snacks, and ash tray at the corner of the table; leaves playing surface free. Slips onto table without fasteners. One *Bridge-ette* pair serves four; $3.95 a pair, ppd. Maid of Scandinavia Co., P. O. Box 3035, Linden Hills, Minneapolis 10, Minnesota.



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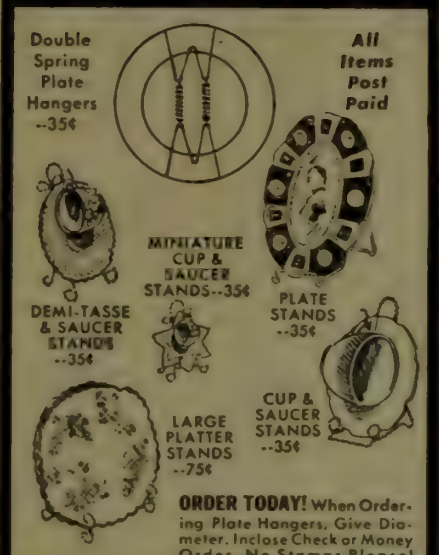
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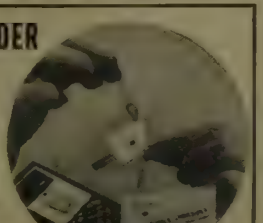
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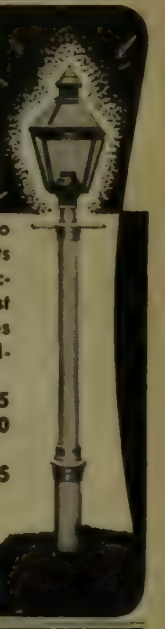
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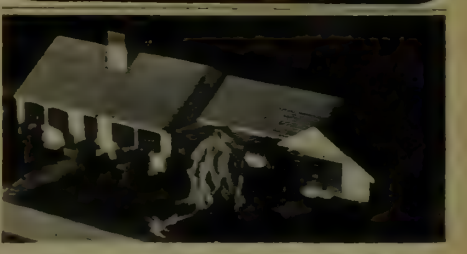
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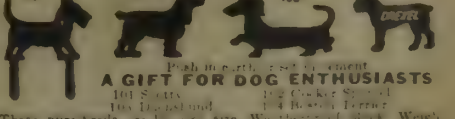
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THE MAN NEXT DOOR



We've raised our goal for outdoor meals this year: 150 from May through October. (I feel safer now with a mosquito helmet to protect me from bees and yellow jackets.) But when it comes to carrying the food outdoors—who knows?

+ + +

"If a man knows enough to drain his bacon on brown paper," says Phyllis Gowan crisply, tossing out several burnt rashers, "he thinks he's a world champion cook. But now that bacon costs less, let him have his fun!"

+ + +

My neighbor in the duplex ex-mansion read a book about the ancient Romans and has taken to lounging in his bathtub. . . . But since he dozed off and almost drowned, his wife forces him to use a timer that rings a bell after 20 minutes.

+ + +

I've taken to keeping all the directions and guarantees for brave-new-world gadgets in the house in one loose-leaf notebook. . . . Now, if I can find the notebook in a pinch, I can always ascertain that the guarantee has just expired.

+ + +

Could it be that girls learn in psychology how to make a man feel guilty every time one of the electrical appliances goes haywire? Or does a male naturally feel that he's responsible for all the sins of machinery? (And probably he is!)

+ + +

When I had the hiccoughs as a boy, all it took was 10 swallows of water to stop 'em. Our 9-year-old claims that this cure won't work for him; he needs 20 swallows of pineapple malted milk. (And won't take a teaspoonful of sugar soaked in vinegar as a substitute!)

Nothing pleases a mother so much as to be able to wear her daughter's dresses, even if it means daughter can wear *hers*, too. . . . But mother merely gets a try-on; daughter takes Mom's new frocks off to college.

+ + +

An amazing amount of kissing hello and good-bye at parties has become more fashionable than a handshake, in certain circles in our town. Even among people none too friendly. . . . In fact, often the only public non-kissers are stray wives and husbands suspected of a little private smooching.

+ + +

Most of our townspeople fear it's beyond their depth to attempt to discuss his science with a plumber. But I notice little such hesitancy when a layman wants to argue any medical topic, from dandruff to surgery, with a hapless doctor.

+ + +

One of my favorite dainties is the scrapings of scrambled egg from the sides of a skillet, but somehow my wife pours water into it two times out of three before I can scan the morning headlines and duck into the kitchen.

+ + +

In self-defense I've hugged one or two pet causes to my bosom, so I can sick 'em on people who try to sideswipe me with *their* crusades. . . My strongest defense against planned parenthood and the city manager plan, for example, is my fiery enthusiasm for world government.

+ + +

With a strong outburst of mild unenthusiasm, I've egged my wife into selling her newest (and most expensive) hat to her dearest friend at cost. . . . The latter's husband gave me a dirty look or two, but with wives' hats it's every man for himself. ➡

When my dream girl and I pack for vacation, I always remind her that matter how many garments she tote she'll wear only her favorites, the on calculated to draw envious glances. (B *how* a girl likes to fill up a hotel closet!)

+ + +

"If I were a radio sponsor," says L Gowan, dialing off with the air of a man gi ing $100,000 worth of free advice, "I'd allo nothing on *my* programs that I wouldn't a mire or enjoy in a rival's program!"

+ + +

My daughter has accepted demurely h distinction of being the first child to infli major damage on our family car. (She say she owes it all to a two-year head start o Junior.)

+ + +

You're tempted to frame your mar riage certificate in solid gold when: You wife avers your increasingly nake brow makes you look like a man of dis tinction. . . . Your husband command you to slow down, no matter how mess the house gets. . . . A glimpse of you daughter in an evening gown remind you of the first time you ever took you wife to a formal dance. . . . One day yo catch your so-grown-up son off guard and discover he's sentimental about th family life and likes family picnics. . . After dinner your youngest turns off al the living-room lights for a family pow wow before the fireplace flicker. . . Your mother-in-law's dearest chum's son in-law reveals that she's secretly proud o her own son-in-law, now and then. . . At a party you catch your husband look ing at you as if he hadn't seen you com pletely yet. . . . Inadvertently you dream girl reveals that she's still as pleased as you are that you pulled the wool over her eyes and induced her to say yes; and you conclude you didn't relinquish your freedom too cheaply after all.

—HARLAN MILLER

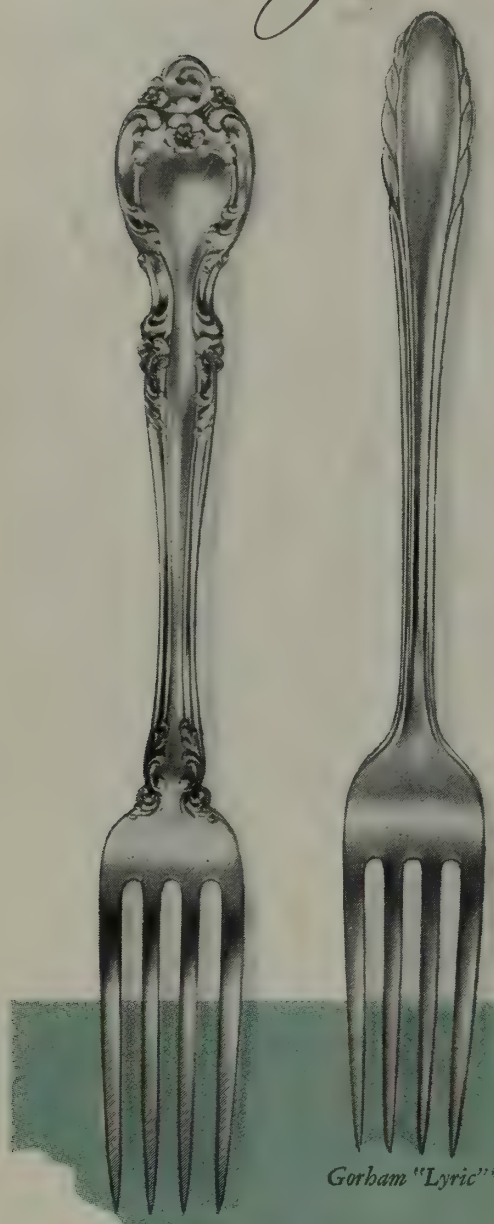


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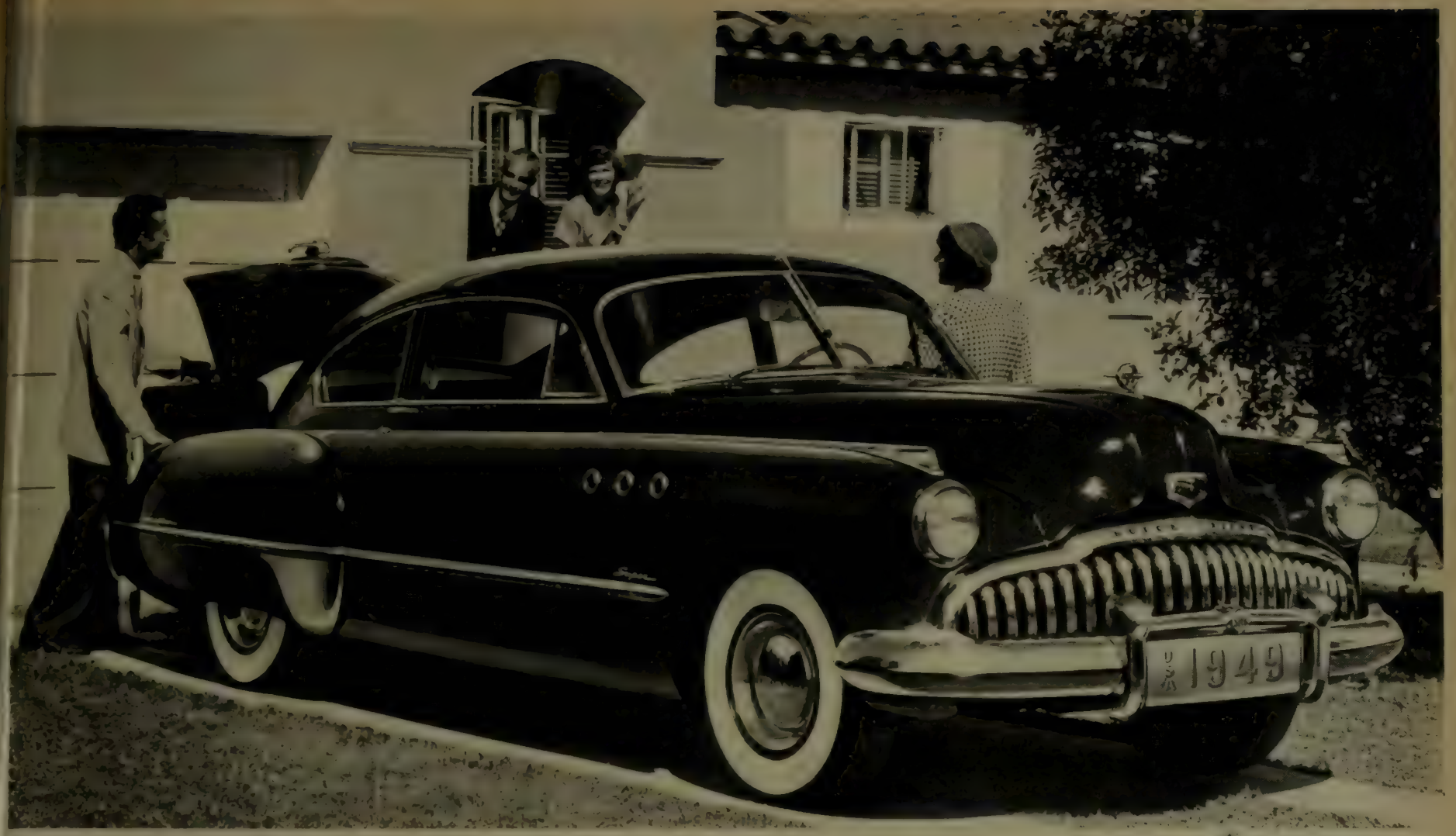
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Better Homes and Gardens

JUNE, 1949 Vol. 27, No. 10



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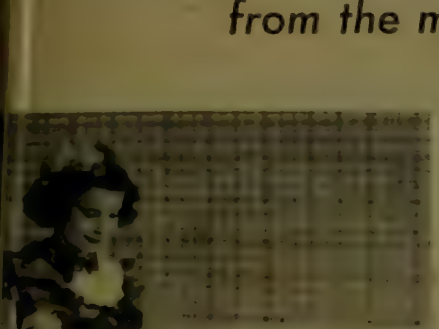
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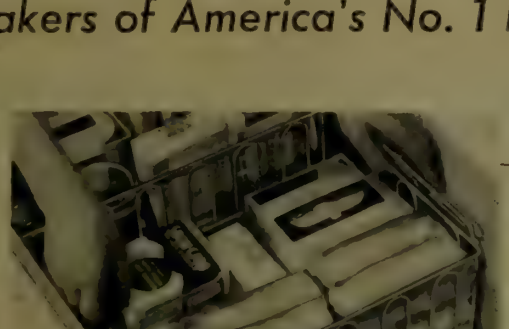
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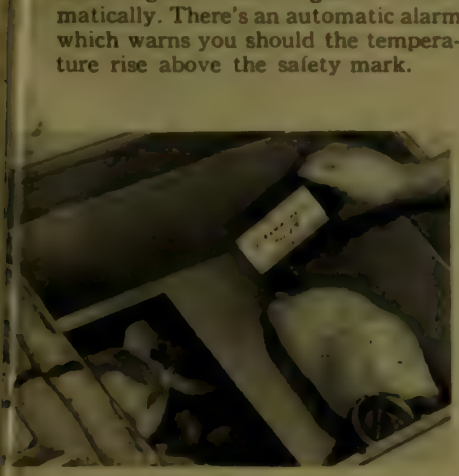




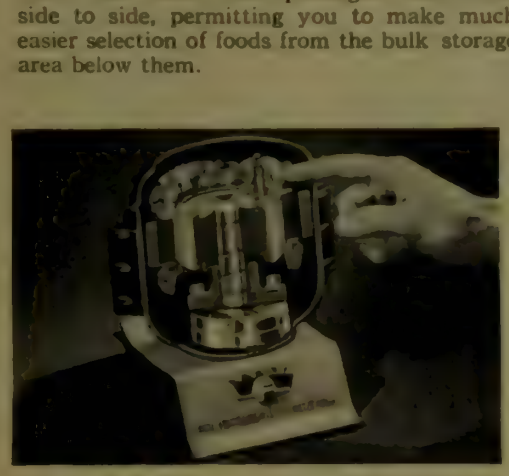
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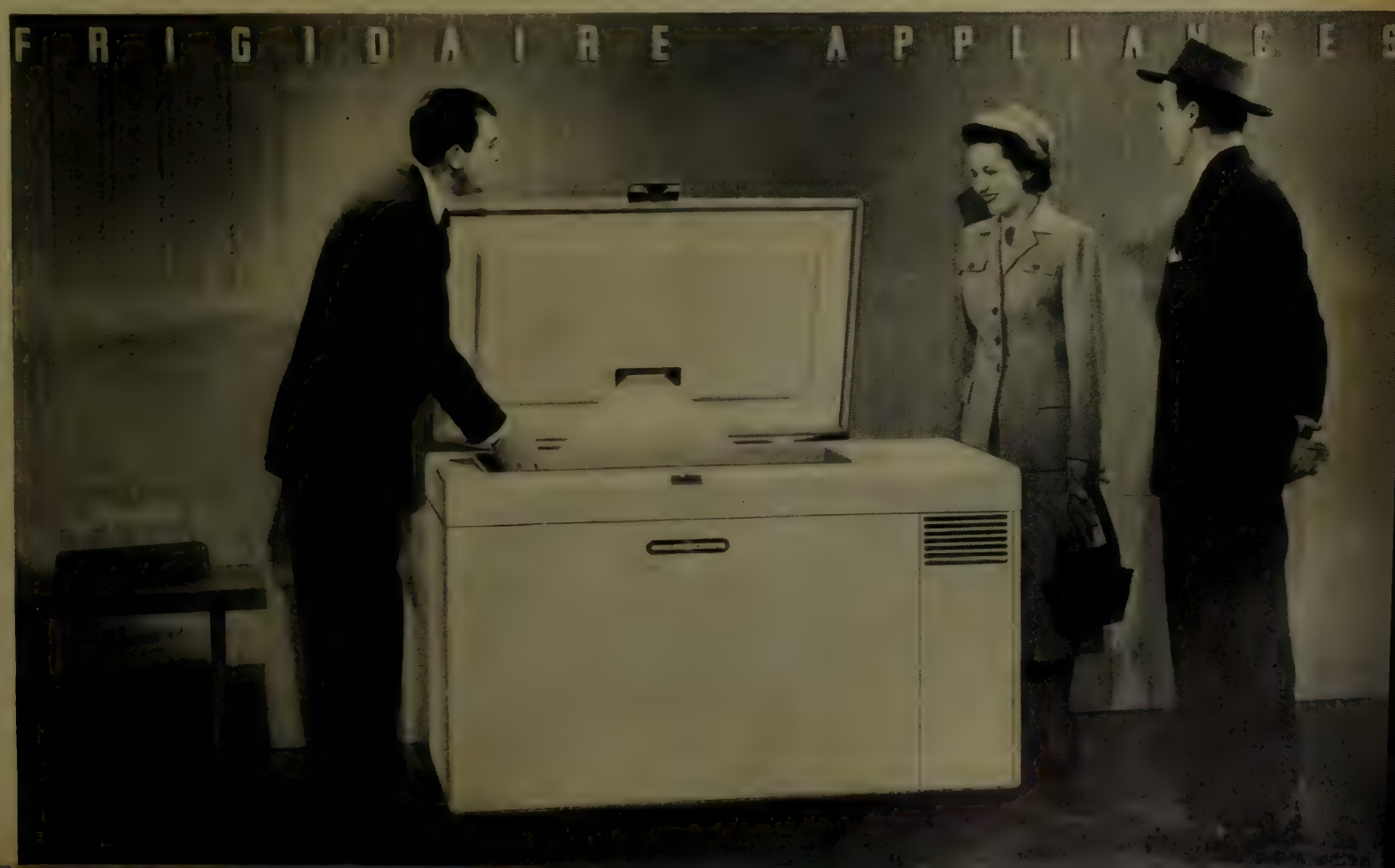
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Look at the new styling, new features, new convenience of the beautiful new Frigidaire Home Freezer.

Lashed to the Kitchen sink?



Don't let a crusty broiler get you! Don't scrub at caked-on grease with a spineless dishrag! Use a metal-fiber Brillo pad! Fast! Easy!

Shine pans easy with

BRILLO



Brillo is tops at cleaning grimy pots and pans! A square Brillo *pad-with-soap* whisks off every speck of scorch. Leaves pans clean—and *shining!* Wonderful for aluminums! Use Brillo every day to keep 'em gleaming!

There's jeweler's polish in BRILLO!

Brillo makes your pots and pans *sparkle*—bright as the day you bought 'em! Brillo soap contains shine ingredients that jewelers use to polish precious metals!

GREEN box—pads and cake soap
RED box—soap-filled pads



Shines aluminum fast!

Take advantage of summer

Planning makes terrace meals less work



Photographs: George de Gennaro

When the hinged shelf across the front is raised, this plan stand becomes a long barbecue table. The two broomstic supports for the shelf fit into notches cut in the end leg



Plant stand-barbecue table hugs the wall so it's out of the way when not in use. Flowers grow in copper-lined boxes, fitted into the top. Three sawhorse legs hold stand steady



For quick summer snacks, try this handy bar between terrace and kitchen. Even a temporary, removable shelf will make a window into a snack bar. For family meals, the bar becomes a pass-through from the kitchen to terrace

Eating on your terrace needn't be a complicated ceremonial with Dad bringing out tables, Brother setting up chairs, and Sis or Mother carting food and dishes half a block. With planning you can locate your terrace near the kitchen—and maybe fix a pass-through from kitchen to terrace—so serving will be easy. Weatherproof furniture can stand outside all summer long, rain or shine, and be ready to use on a moment's notice. You may even be able to work out an efficient eating arrangement like this barbecue-plant stand or window snack bar to make terrace meals less work.



Things you can learn from a strawberry box... about choosing the right refrigerator!

Ever have plump, perfect strawberries turn moldy overnight? Well, food wastes like this are prevented in the Admiral Dual-Temp!

The sunshine-like rays of an ultra violet Sterilamp retard mold and bacteria, and purify the air!

It's a new kind of refrigeration so far advanced you can put foods away *uncovered!* Even cheese and cold cuts won't dry out! Even "strong" flavors won't mingle.

The Dual-Temp makes housekeeping easier too! There are no space-taking coils to be defrosted.

More than one way to save food! Yes, the Dual-Temp is really *two* appliances in one. The big Moist-Cold compartment is a wonderful food freshening crisper. Cool moist air keeps foods fresh longer. Built right into the Dual-Temp is an honest to goodness home freezer. It fast freezes 70 lbs. of food at 20° below zero.

See for yourself how this 2-in-1 refrigerator stores more food, yet takes no more floor space than any other. Stop in at your nearest Admiral dealer's store.

NBC *RETURNS SEPT. 9 on NBC television. "Admiral Broadway Revue." Greater than Ever! Watch for it!*



Admiral

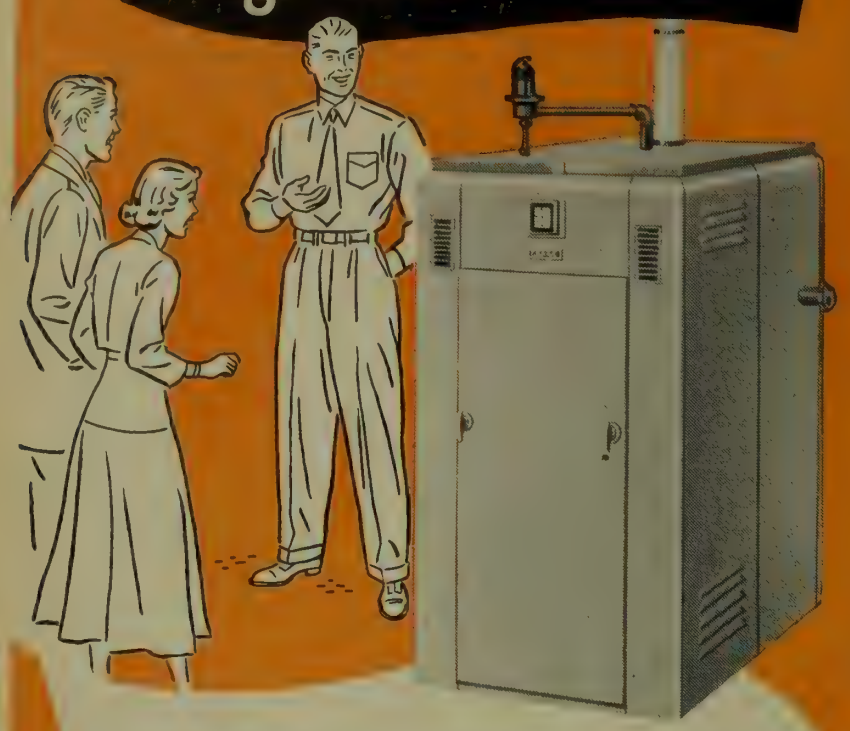
DUAL-TEMP

—with built-in Freezing Locker

REPLACEMENT OR REFUND OF MONEY — Guaranteed by Good Housekeeping — IF NOT AS ADVERTISED THEREIN

Admiral Corp., Chicago 47, Ill. Makers of Refrigerators, Radios, Phonographs, and Admiral "Magic-Mirror" Television.

Let packaged heating change winter to summer



Winter is over—spring is here! If you suffered from cold, drafty, uneven heating in the past, you can change future winters to warm, healthful summers in your home by installing an up-to-the-minute Crane heating system.

Illustrated above is the CRANE SIXTEEN packaged boiler and burner designed to protect your comfort—automatically.

It is specially engineered to burn oil and comes complete—housed in an insulated, enameled steel jacket. You will find that the patented "sustained heat principle" will cut your fuel bills.

The CRANE SIXTEEN is only one boiler from the complete Crane line. Others are available for burning coal, coke or gas. Also included are furnaces, conversion units, stokers, controls—everything for home heating. See your Crane Dealer now about installing a new heating system in your home. His wide experience will help you choose the best system for your home, and his skilled installation will bring you years of trouble-free comfort.

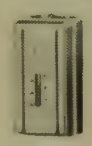


Crane-Line Stokers are available in sizes and types for any home heating system.

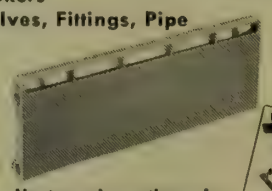
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Take advantage of summer

Partial overhangs shelter terraces

By Louise Price Bell

Shelter or roof over part of your terrace makes relaxing there more pleasant on days when the sun is beating down. Glass overhang in the top picture casts an interesting soft shadow over the terrace but doesn't cut off light in the adjoining rooms. The roof-type overhang in the lower picture casts some shade, and it's angled so it won't interfere with room light, either. Both overhangs help protect the terrace from wind and rain. Here's how:



Wired glass panels (each 30 by 90 inches) cast diffused shadows over the terrace of the Frank Moller home, Carmel, California. Structural beams support the glass. Windowed walls at left and right slide open so the terrace, living, and dining rooms become one big room in summer

Morley Baer



Wide roof overhang shields the Carmel home of John Konigshofer from summer sun. Clapboard and glass at the right give the terrace privacy. The end wall is an extension of the house wall; four-inch boards were mounted on it in checker fashion to make room for potted plants

See barbecue ideas on page 168

Now a new way to decorate with paint!

EAGLE-PICHER 10 decorator colors

These ten *pre-harmonized* colors are hailed by interior decorators, not only because they are so beautiful, but because they harmonize so completely with each other *and* with the colors in your present furniture, drapes and rugs. Result? They are extremely popular with discriminating homeowners everywhere . . . because color selection is simplified, professional effects secured *easily*. You can work decorating miracles —make small rooms seem larger, brighten dingy rooms — and be *sure* of a unified, harmonious color scheme. You'll get matching walls and woodwork with Eagle-Picher flat, semi-gloss and gloss interior paints. They're easy to apply, cover almost any surface in one coat, and they're washable, because they're genuine oil base paints. One gallon does the average-sized room! Ask your dealer about these new Eagle-Picher Interior finishes.



Mildred McCune, of Mildred McCune, Inc., N. Michigan Boulevard, Chicago—a nationally recognized decorator of residential interiors —says this about Eagle-Picher Interior Paints: "This group of pre-harmonized colors is one of the most exciting ideas for interior painting in years! With these lovely colors, your walls will form backgrounds of beauty that will harmonize perfectly with your present colors in room furnishings . . . and it's easy for anyone to plan a well-balanced, modern color scheme with Eagle-Picher Decorator Paints."

Pre-harmonized colors

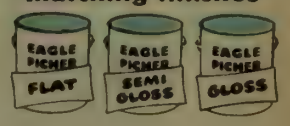
Harmonize with each other

Harmonize with any other color



Harmonize with your present rugs, drapes, furniture

3 exactly matching finishes



for walls, ceilings — for cabinets, woodwork — for baths, kitchens



Get out the crayons, Color it yourself!



See how this one shade of decorator paint — matched as closely as printing ink will permit — harmonizes with the colors in your own furniture, drapes, rugs.

The color in this illustration is Elfin Green—matched as closely as printing ink will permit. Other colors available in Eagle-Picher Decorator Paints are: **Roman Ivory • Twilight Gray • Desert Sand • Dresden Blue • Harvest Peach • Lettuce Green • Daffodil • Potters Blue • Dusty Rose.** There is a complete line of Eagle-Picher paint —for all interior and exterior painting.

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Send for this booklet today!

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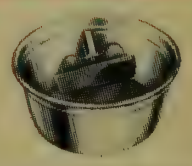
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MORE POWER to your recipes—more power to each delicious meal! That's the success-secret of the super-powered, all-purpose *KitchenAid*. Plus-powered for every task pictured, and more—blessed with the exclusive patented Planetary Mixing Action—*KitchenAid* does so much more that before you know it, every meal boasts "extras" like special salads, hot breads, pastries, desserts of every kind.

Your mixer should be a lifetime investment. So, before you buy, compare performances and values. See the greatly added value for the little more that *KitchenAid* costs. See how only *KitchenAid* brings you the tested principles of the big Hobart commercial mixers. See for yourself, at department stores and better dealers everywhere.



Model 3-B (illus.) 3 qt capacity—2 other models, 4 & 5 qts.



Puree fruits and vegetables





Chop meats



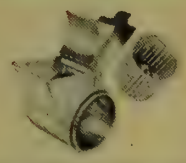
Extract juices





Freeze ice cream





Slice fruits, vegetables, cheeses



TEST THE AROMA . . . THE TASTE

You'll Love It! Coffee's fuller, richer, better, freshly-ground. Store it in the handy KitchenAid Coffee Mill hopper, flip the switch to grind it (any grind). You never tasted finer!



KitchenAid

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How to live through

Let's be sensible about it. Your best guarantee of a saf pleasant summer is your own attitude. Unworried? Le hope so. But let it be *unhurried*, too.

A winter in the office isn't the best preparation in i world for a strenuous summer. So take things graduall You don't have to mow all the grass in one afternoon play 36 holes of golf the first day. If you have to go back work to get some rest, the laugh's on you.

And remember, the most dangerous hours of your who

Sun and heat



Sunburn: The sun is strong medicine, so begin with small doses—15 minutes the first day, 30 the second. Don't put all your faith in preventives and lotions. Cover up *before* your skin gets hot or pink. Even on hazy days the sun can blister.

Try burn ointment for mild sunburn—or petrolatum, olive oil, calamine lotion, or a paste of baking soda and water. If slightly swollen, apply gauze soaked in cold mineral oil. If blistered and sick, get medical help.

Sunstroke or heatstroke: Long, direct exposure to the sun—or to intense heat anywhere—can knock you out. Usually you have warnings: dizziness, nausea, headache, an overheated feeling. Your skin is hot and dry, your face flushed, your pulse rapid.

Ward off the sun with a hat. On very hot days, rest often. Get plenty of salt. Drink lots of water.

At first sign of trouble, lie in the shade, your head raised. Drink cool water—no stimulants. Your head needs an ice bag or cold cloths; your body should be doused repeatedly with cold water. You require a doctor.

Heat exhaustion is brought on by intense heat. Prevent it the same way as sunstroke—*but it's different*. Your skin is cold and clammy, your face pale, your pulse weak, your temperature low or normal. Usually you do *not* become unconscious.

Lie with your head low, instead of raised. Loosen clothing but keep comfortably warm. Drink a cup of strong coffee or tea, or half a teaspoonful of aromatic spirits of ammonia in half a glass of water. Sip water containing a teaspoonful of salt to a pint. Send for a doctor.

Bugs and bites



Mosquitoes: Spray rooms or tent or picnic areas with DDT from bug bomb or garden sprayer. Wea clothes that fit loosely except a wrists and ankles. Cover expose skin with one of new repellent containing 6-12, DMP, indalone or 448. Treat bites with bakin soda and water paste, ammoni water, or calamine lotion contain ing ½ or 1 percent phenol. D same for bee, hornet, wasp stings

Chiggers: Wear protective cloth ing. Beware of sitting in rank grass To keep chiggers off, coat you skin with DMP. Spray a little of i on the clothing you're going t wear. Wash bites with laundry soap; then apply calamine lotio or baking soda.

Ticks aren't painful but can transmit disease. In tick areas, closely inspect clothes and body for tiny brown bugs. Use hot needle o cigarette to make tick pull its probe from skin. If head stays in, dig i out. Pick up insect with tweezers or cotton; don't crush against skin. Paint wound with iodine.

Snakes: Poisonous are copperheads, rattlesnakes, coral snakes, water moccasins. If there are many where you vacation, carry a snake kit. Cover legs and arms. Be wary when climbing or sitting down.

Signs of a bite: fiery pain, one or two small punctures, rapid swelling, discoloration. Tie cloth or belt above wound, just tightly enough to make veins stand out. Loosen it one minute in every 15. Cut an X through each puncture, $\frac{1}{8}$ to $\frac{1}{4}$ inch deep, without hitting big blood vessels. Suck poison out for 30 minutes. If alone, walk *slowly* for assistance.

3 months of summer

By Herbert Yahraes

mmer will probably be spent, not in vacationland but in iving to and from it.

Below are hazards you may face this summer. If you're in strange place, the natives can put you wise to poisonous eatures and plants. Common sense will help you avoid the her hazards, away or at home.

Take along a first-aid kit, and learn how to give artificial spiration. They're good for peace of mind, even if you ver use them. Happy days!

Poisonous plants



Poison ivy can cause intense itching and fiery pain—often with swelling and blisters. Spot by leaflets—*three* on a stalk. Remember they may be small or large, smooth or notched. Plant may creep, climb, grow like a shrub. Injections may give *temporary immunity*.

After contact, wash several times with laundry soap, rinsing well with clean water. Then sponge off with rubbing alcohol. Have contaminated clothing dry-cleaned.

For relief, try one of these: (1) soap paste—let it dry on skin; (2) gauze or cloth soaked in cold solution of baking soda or Epsom salts; (3) calamine lotion with 1 percent of phenol; (4) a 5-percent solution of ferric chloride (lemon juice removes the stain it leaves on skin). For severe cases, get a doctor.

Poison oak gets its name from the shape of its three leaflets. It is a relative of poison ivy.

Poison sumac has to be treated like its kin (above). Distinguish it from common sumac by its green or white berries drooping from *side* of branches. You're safe if sumac has a spike of red fruit at the end.

Mushrooms: Pick them with an expert. Shun any with a frill near top of stem, a bag at bottom, and white spores dropping out of gills. Suspect poisoning if headache, nausea, diarrhea occur 6 to 12 hours after eating. Get a doctor. Go to bed; keep warm. If sure of poisoning, drink tepid water with salt or mustard—to make you vomit. Take aromatic spirits of ammonia in water, or coffee or tea.

Berries growing wild may or may not be safe to eat. In doubt? Don't.

Accidents



In the water: Don't swim alone—or when tired, overheated, or chilled—or soon after eating. Ease yourself into cold water. Come out when you start to shiver or get tired.

In trouble? Keep calm—hands and arms under water. Thrashing uses energy that could keep you afloat. Even with cramps in legs and arms, you can stay up.

When help arrives, grasp what's thrown or stretched out to you. Cling to boat till it's safe to climb or be hauled in—over the end. *Don't* grab rescuer.

In boats: Don't let more than one person move at a time. In rough water, point bow into wind; get weight into middle. If swamped or upset, stick with boat.

Fishing: If you get hooked deeply, *push* point out till you can snip it off below barb with cutting pliers.

Hiking and climbing: Be prepared for emergencies—like a night out. Wear sturdy, comfortable shoes that grip well. Remember it's often easier to get up a bad slope than down again. If you fall, let your body go limp.

Lost? Mark trail so you can at least get back to your present spot—which isn't too far from familiar territory. To walk straight, sight far ahead. Make camp before dark.

In other sports: Overstretching can *strain* a muscle; rest it and apply heat. A sudden wrench can *sprain* a joint; elevate it and use cold applications.

Cover *bruises* with ice bag or cold cloths. Paint *scratches and cuts* with merthiolate or a 2-percent solution of iodine. Have *deep wounds* cleaned by a doctor.

Get a Rust-free RUUD GAS Water Heater with a Heart of Rustproof MONEL

The Heart of Your Heater is the Tank



Just dial the Temperature You Want Up to 180°

This is a "Court of Flame" Water Heater

And the tank of a Ruud Gas Water Heater is solid, *rustproof* Monel†. It can't rust... can't cause stains! You get *CLEANER* hot water... *clean enough to DRINK!*

Ruud-Monel means HOTTER* water, for whiter wash! Just *dial* the temperature you want, all the way up to 180°. Ruud's solid Monel tank will *take* it!

And Ruud-Monel is *FASTER*... because *Gas* is fast! Plenty of hot water for baths, laundry, dishes. Ruud's revolutionary "heat speed" design quickly replaces the hot water you use.

You get *CHEAPER* hot water, too! Ask your Gas Company, Plumber or Dealer to show you a Ruud-Monel *to-day!* Send for *free* folder now.

* Get HOTTER Hot Water!

The *Hotter* the Water... the *Whiter* the Wash... the *Cleaner* the Dishes... the *Quicker* the Cleaning...the *Healthier* the Home!

And with Ruud's new Temperature Control, you simply *dial* the hotter temperature you want! Dial as high as 180° for pasteurizing dishes and baby clothes. Then, for other jobs, dilute this concentrated, hotter water with cold to suit your needs. You increase your hot water supply... and you save money.



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Get Hotter Water FASTER!

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Livable, lasting homes for budget-minded families

NO QUESTION about it, housing is the nation's Number One need today. spite the tremendous number of new mes that have been built, the rapid wth of our country's population has ated the greatest demand for housing in history. Millions of families of moder- means are wondering how they can ld the homes they need and should have, health and happiness.

Yet a closer look at the situation reveals t these families need not put up with the ls of inadequate housing. There *is* an roach to this problem that offers new encouragement to those of average means who have the will to build a home.

We of The Celotex Corporation have studied this vital problem carefully. We have brought to bear on it the know-how gained in our 25 years of experience in lowering building costs through increasing building efficiency. We examined hundreds of house plans, conferred with leading architects and builders.

As a result of all this, one important fact stands out: *Even in these days of higher prices for everything, the family of modest income* can *build a comfortable, beautiful, enduring home at common-sense cost.* And we offer the following sound, simple Three-Key Plan as a guide.

SOME FAMOUS CELOTEX MATERIALS TO MA



Celotex Insulating Sheathing *—Asphalt coated for greater moisture protection, it combines greater structural strength and better insulation, too— three vital functions at one low cost!*



Celotex Insulating Lath *— Makes perior base for plaster — builds insulates, at the same time, per both of these important jobs b at one low cost!*

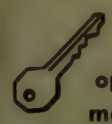
How the Celotex Three-Key Plan Can Help You



Key Number One opens the way to the right design at the right price

e asked a group of America's most skillful, practical hitects to design a series of quality homes at common-se cost. They were given free rein with just one im-rtant restriction: *These homes must embody the proven ic principles of efficiency and economy in design and truction.*

Through such advancements as improved planning that ves building time and work . . . use of Celotex quality aterials that perform two or more functions at a single ost . . . use of standard framework and millwork sizes, ese homes assure you that none of your money will go to needless frills or extravagances. They give you as-rance that you can start right now to build a substan-al, beautiful home that you will cherish all through life at a price within the means of an average family.



Key Number Two opens the way to the right materials at the right price

Top quality building materials are again available, and n ample quantities. To make sure you get the best for your money, there is no more important man to see in your community than your Celotex dealer. He can tell you exactly how to go about building the beautiful home pictured here, or several others designed for Celotex in a variety of price ranges, or still others in his own col-lection of moderate priced homes. He can give you a complete estimate of their cost and put you in touch with a reliable architect and builder.

He has a keen awareness of what's new and better in building methods and products. This man is more than just a lumber merchant today—he is the man who knows your local conditions, costs, laws, building codes. And he can tell you how to make arrangements for financing your home, too. He is the man to consult—the man in whom to place your confidence.



Key Number Three opens the way to beautiful modern interiors

To give the Celotex Three-Key Plan added interest to the homemaker, we have retained Helen Koues, nationally famous decorator, founder and for many years the director of Good Housekeeping Magazine's Studio of Architecture, Building and Furnishing. She shows with simple sketches how the interiors of these homes can be treated. She has provided arrangements and color scheme suggestions of modern charm and good taste, planned with efficiency and economy uppermost in mind.



This home was designed by Architect John A. Pruyn for The Celotex Corporation. One of a series of beautiful, enduring homes that can be built now at common-sense cost by families with average income.



FLOOR PLAN

YOU ALWAYS BUILD BETTER WITH CELOTEX BUILDING PRODUCTS

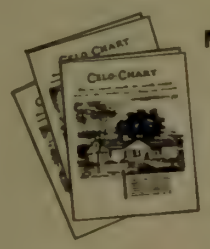
Your dealer knows there is no substitute for *genuine* Celotex quality. Only Celotex, for example, has the exclusive patented Ferox process. This makes Celotex cane fibre products proof against dry rot, termites and fungus. As a result, building experts who have examined Celotex materials used in homes over 25 years ago find them still as sound and strong as ever, still saving home owners money and trouble.

Remember—more homes are built with Celotex than with *any* other rigid insulation materials in the world. Whether you are building or remodeling—be satisfied with nothing less than *genuine* Celotex quality.

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Want to do your family a good turn? Then remodel that unused basement space into a gay, comfortable playroom that will mean hours of happiness for all. It's quick, easy, and inexpensive to do with Celotex Insulating Interior Finishes. These come in Building Board, Tile Board, or Finish Plank form, permitting a variety of design treatments for walls and ceilings. They build for strength, insulate for comfort, decorate for beauty—all at one time, at one low cost! They are ideal for turning unused basement or attic space into a bedroom, den, card room, extra rooms of all sorts. Ask your Celotex dealer or builder for full details on remodeling the low-cost Celotex way.





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You get complete basic information on the home pictured here and two others, covering a variety of price ranges. All the elevations, floor plans and area dimensions needed for preparation of complete working plans and specifications. Plus interior decorating suggestions by Helen Koues. From these CELO CHARTS, your Celotex dealer can estimate cost of building these homes in your locality. Mail the coupon now!

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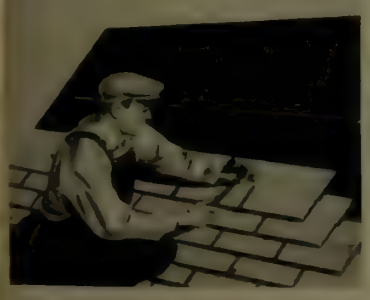
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***Celotex Rock Wool Batts**—For fast, easy insulation between roof rafters, wall studs, floor joists. Assures additional fuel savings, and added comfort both winter and summer.*

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Chicago 3, Illinois

I enclose 25c in coin, for which please mail me the CELO CHARTS of three homes designed for The Celotex Corporation, covering a variety of price ranges.

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CITY.....ZONE.....STATE.....

New Improved Pepsodent Removes FILM Amazingly!

In just 7 days – you'll have brighter teeth and fresher breath – or

DOUBLE YOUR MONEY BACK!



Why FILM must be removed

1 FILM collects stains that make teeth look dull

2. FILM harbors germs that breed bad breath

3. FILM glues acid to your teeth

4. FILM never lets up—it forms continually on everyone's teeth

Now Faster Foaming! New Pepsodent Sweeps FILM Away!

New improved Pepsodent will bring a thrilling brightness to your teeth, a new freshness to your breath—*or we'll return twice what you paid!*

No other tooth paste can duplicate new Pepsodent's film-removing formula! It foams wonderfully—goes to work *faster*, fighting film: (1) Pepsodent routs discoloring stains that collect on film. (2) It checks film's "bad breath" germs that cause food particles to decay. (3) Pepsodent helps protect you from *acid* produced by germs in film. This acid, many dentists agree, is the *cause* of tooth decay. (4) Film forms continually. Remove it regularly with Pepsodent. No other tooth paste contains Irium — or Pepsodent's gentle polishing agent!

Try new fast-foaming Pepsodent with Irium for 7 days. If you're not convinced it gives you cleaner breath and brighter teeth—mail unused portion of tube to Pepsodent, Division Lever Brothers Company, Dept. G., Chicago, Ill.—and you'll receive double your money back, plus postage! Offer expires August 31, 1949. Remember, for the safety of your smile, use Pepsodent twice a day—see your dentist twice a year!



Another fine product of Lever Brothers Company

Cane-type furniture



For study, team up a cane-typ table desk, a straight chai and a bamboo lamp. You ca use the table as a desk, a din ing-room server, or a hall con sole. The chair, of course, fi any room setting. (This cane type furniture is made of ben ash with simulated cane finish

For your dining room or th dining end of your summe porch, try lightweight cane type table and chairs. Table looks like a traditional gate leg drop leaf; simple chairs are reminiscent of Chippendale's Chinese furniture. Slip-out chai seats can be re-covered later on





For the living room, mix sectional chairs with matching step table. Peasant-print cushions add a note of sophistication. Three-shelved step table gives you lots of space for books, coffee cups, a reading lamp

s smart

—indoors and outdoors

New cane-type furniture is so smartly styled you can use it outdoors this summer—and indoors year around. Lightweight cane chairs and tables are easy to move around your terrace or porch, yet they are sturdy enough to take hard wear. During the summer, this clean-lined cane furniture will bring freshness and coolness into your living room and dining room, too. In the fall, you'll find the honey color of cane mixes well with other furniture. Here are some of the pieces to look for.

ans van Nes



For luxury lounging, pick a broad-armed rattan chaise longue. This chair and stool combination may be used together as a chaise longue, or—when extra seating space is needed—used as separate chair and stool. Both chair and stool have reversible cushions with zipper covers

George H Davis



For a small porch, here are love seat and tub chair that are light, comfortable, and the right size for close quarters. Matching table is high enough for a reading lamp; its middle shelf holds a radio and magazines

Where to get it, page 244

YOU CAN BE SURE..IF IT'S
Westinghouse



Keep Cool..Sleep Cool
with this new *Air-Jet* principle *Mobilaire**

In 2 short minutes . . . fresh, cool air in 4 or 5 rooms. It seems like a miracle! This marvelous new Mobilaire Fan, built on the fabulous air-jet principle, exhausts *all* the hot air, draws in cool outside air . . . in almost nothing flat. You sleep cool on warm nights, keep cool on hot days.

As Easy to Move as Your "Vac"

No installation is required. The Mobilaire plugs into any convenient outlet. It's portable, compact, economical . . . uses little more current than a 100-watt bulb.

Safe, Silent, Rugged . . . built to last a lifetime of constant use. Excellent for drying clothes, too, reduces drying time 35-50%.

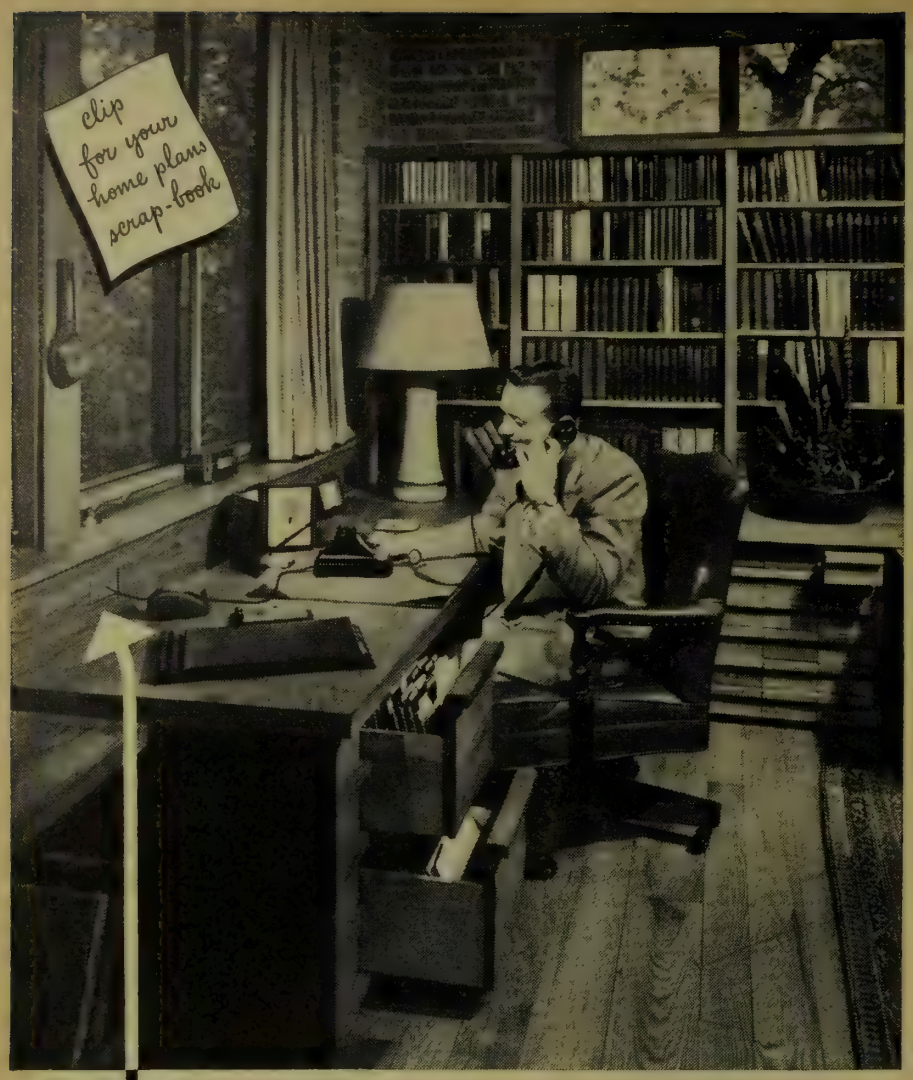
Ask Your Westinghouse Dealer for a Free Home Demonstration Now

EVERY HOUSE NEEDS A
Westinghouse
*Mobilaire** Fan

Of course, it's Electric



WESTINGHOUSE ELECTRIC CORPORATION • APPLIANCE DIVISION • SPRINGFIELD 2, MASS.
TUNE IN TED MALONE . . . Every Day, Monday through Friday . . . ABC Network



TELEPHONE WIRES SHOULD BE HEARD FROM ...BUT NOT SEEN



Are you planning your new home? Then you'll want to plan for your telephones at the same time. That way you'll avoid having exposed telephone wires on handsome walls and woodwork.

All you need do is mark on your plans the places where you'll want telephones. By letting your builder know these locations beforehand, he can make the necessary provisions for concealed telephone wires while the house is being built. A few sections of pipe or tubing placed inside the walls will carry telephone wires to built-in outlets. When telephones are installed, the wires can be run through these raceways to each telephone installed.

For all the facts about this important home feature, call your nearest Bell Telephone Business Office and ask for "Architects and Builders Service."

BELL TELEPHONE SYSTEM

Garden clinic

Cures for exposed tree roots

Q *A slight grade change around one of our big trees has exposed large roots leading from the trunk. The roots are undamaged but the appearance is bad. Can you suggest a simple solution? L. M. M., Indiana.*



One good treatment is illustrated above. Move in enough good soil to cover the roots and grade it away from the trunk in a gentle slope. Then sod or plant grass seed to make the fill part of a gently rolling lawn.

Stanley



Even simpler, and ideal where you want a bit of planting, is this solution. Build a low rock wall around your tree and fill with fertile soil to cover roots. Plant sprigs of sedum between rocks for a quick cover for wall, and use violas, pansies, common primroses, and other flowers which do well in shade for planting inside the wall.

More on page 226

HERE COMES fun!

here comes beauty

here comes value

here come the new

Motorola

portables

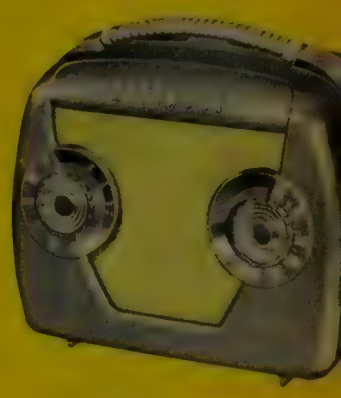
Vacation time? Take along a handful of joy—a new Motorola portable—like the popular "Playmate Jr." (below, left). This glamour-baby of personal portables gives you "big set" power and tone all out of proportion to its tiny size. Maximum sensitivity and selectivity enable you to tune in distant or local stations with equal ease. Leather effect metal case. Choice of black or maroon with bronze-gold trim. Operates on AC/DC or on its own long-life batteries. See it—hear it—COMPARE IT! **Model 5A9** . . **$39.95**
less batteries





More Listening Pleasure for Less Money

3-way operation—AC/DC or battery. Big power for full volume and rich tone. Maroon or black with bronze-gold metal grille and trim. **Model 59L12** . . **$29.95**
less batteries



Model 49L11—As above, except battery operated only. Colors: Tan or green with bronze-gold grille and trim. **$19.95**
less batteries

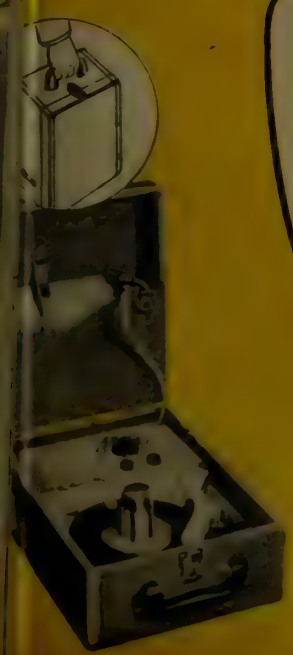
No Finer Portable in all the World

A "luxury" radio at a sensible price. Exclusive "dial-in-handle" puts all controls in thumb's reach while carrying. Case is basket-weave, plastic-coated fabric with aluminum trim. AC/DC or battery operation. **Model 69L11** . **$49.95**
less batteries



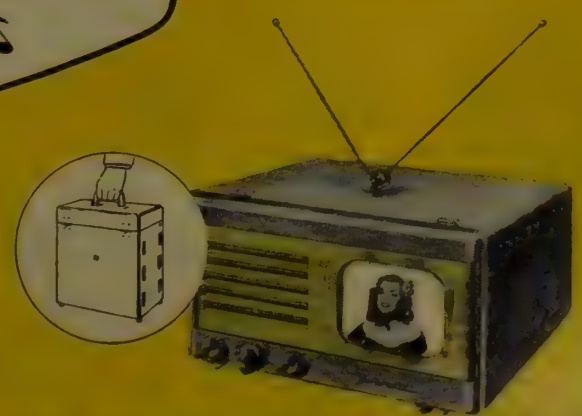
Motorola PORTABLES

Prices slightly higher in South and West. Prices subject to change without noti



New 45 R. P. M. Automatic Radio-Phonograph

Your favorite recorded music wherever AC current is available. Plays new 7-inch records (45 R. P. M.—5 minutes of music per side). Changes 8 records swiftly and quietly. Storage for 27 records. **Model 59F11** . **$59.95**

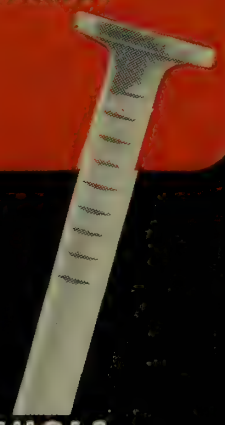


New! Motorola Portable Televisio

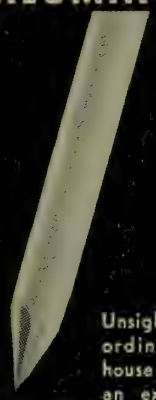
Take your television thrills fro place to place—wherever AC curre is available. Clear, bright pictures plus Motorola Golden Voice soun Install it yourself in a few minut Indoor antenna fits in cover wh carrying. **Model VT73** . . **$199**

MOTOROLA INC. CHICAGO 51, ILLINOIS . SEE YOUR NEAREST MOTOROLA DEALER TODA

For less than the price of a hat, you can avoid a serious mistake!



NICHOLS
NEVER-STAIN
TRADE MARK
ALUMINUM NAILS



Unsightly rust streaks from ordinary nails on your house siding could cost you an expensive repaint job. However, *far less than the price of a hat,* NEVER-STAIN Aluminum Nails protect the siding, roofing and plastering of the average five-room house from rust streaks and stains.

NEVER-STAIN Aluminum House Siding Nails more than pay for themselves in the savings they make. When used in wood siding they eliminate countersinking and puttying—a $50 to $60 added cost when ordinary nails are used. They also have great holding power because they are etched from head to tip.

Make no mistake. It pays to insist on NEVER-STAIN Aluminum Nails when you build or remodel. Available in various types and sizes for use wherever nail stains are objectionable.

NICHOLS
NEVER-STAIN
ALUMINUM PRODUCTS

NICHOLS WIRE & ALUMINUM CO.
General Offices and Factory
Davenport, Iowa

ALUMINUM IS NOT A SUBSTITUTE!

You can build this

Wading pool for $19



Two working days and $19 worth of materials gave our children this pool. It costs us about 6 cents to fill it

By Kenneth A. Van Dyck

You can have a wading pool in your own back yard—for $19!

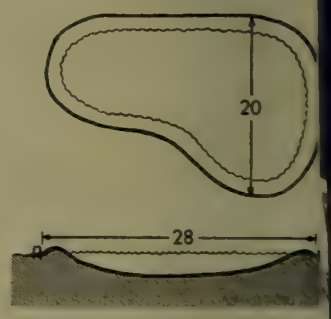
Here's how to do it: Dig a shallow hole, throw the dirt around the edge of the hole as you dig, rake it smooth, and place a canvas tarpaulin over the hole and piled dirt. Then fill it with water from your garden hose.

We built a pool that way, and found it has these advantages. It is simple and quick to construct. It is cheap. It can be enlarged or made smaller. Children can't skin their elbows or knees on it. You can restore its site to lawn with only a little effort.

It took us about six hours to dig the hole, a little longer to purchase and reshape a canvas tarpaulin ($18 from a war surplus store). To make the 20x23-foot tarpaulin fit the irregular-shaped, 28-foot long pool, we cut pieces off and added them to other places. A rubber-based adhesive (cost $1) gave us strong, waterproof joints.

Two working days after we started, the pool was being used by 15 children from the neighborhood.

To keep the pool clean, we drain the water once a week by siphoning it out with a garden hose, pull the canvas out on the grass, and wash it carefully with a hose, a broom, and mild soap or a detergent.





This is the hole over which the tarpaulin is laid to form the pool; it doesn't need to be staked. Using the earth take from the hole as a bank around the edge lets you get by with a shallower hole. You'll get a firm base by tampin

Bake the Swift'ning* Sweetheart Cake



...in these clever new

HEART-SHAPED ALUMINUM LAYER PANS!



Set of 2 only 75¢ with the paper disc from inside a can of Swift'ning (or red portion of unwinding band

■ They're new! They're a marvelous bargain! They're made of fine quality aluminum that will wear and wear for years!

Heart-shaped layer pans! With them and marvelous *Swift'ning* you'll turn out cakes to dream about.

Pure, snowy-white Swift'ning contains an exclusive *quick-mix* ingredient for lighter, lovelier cakes. And tests prove it makes *flakier pies* than any other all-purpose shortening.

Swift'ning gives you crisp, *digestible* fried foods. Swift'ning is extra nutritious. It keeps without refrigeration. Get wonderful Swift'ning *today* and send for your heart-shaped pans!

Swift'ning is digestible! Nutritious, too!

A Martha Logan Quick-Mix Recipe

THE LOVELIEST CAKE YOU EVER BAKED!

Make it for a Bridal Party or for a Birthday; for a Wedding Anniversary, for Father's Day, or just to please some one you love.

Preparation: Have all ingredients at room temperature. Preheat oven at 375° F. Line bottoms of 2 heart-shaped pans (equivalent to two 9" round pans) with waxed paper.

Ingredients:

½ cup Swift'ning
2½ cups sifted cake flour
4 tsp. double acting baking powder (5¼ if tartrate type)
1 tsp. salt
1½ cups sugar
1 cup milk
1 tsp. vanilla
4 egg whites

Step 1: Put Swift'ning in bowl. Sift in flour, baking powder, salt and sugar. Add ⅔ cup of the milk, and vanilla. Beat 2 min. on medium speed of electric mixer, or by hand using 150 strokes per min. Throughout mixing keep batter scraped from sides and bottom of bowl with rubber scraper. Scrape bowl and beaters.

Step 2: Add unbeaten egg whites and remaining ⅓ cup milk. Beat for 2 additional minutes. Scrape bowl and beaters. Pour equal amounts of batter into pans. Bake about 28 minutes, or till done. Cool.

Fill and frost with 7-minute icing. Reserve a little and tint to match flowers. Edge cake with tinted frosting, using tip of a spoon. Coil ribbon around plate (hold in place with bits of tape if necessary) and tuck sweet peas, or other flowers, into loops.

Folder with recipes for 8 glamorous Special Occasion Cakes comes with your pans!



**Swift'ning is the trade-mark for Swift & Company's Shortening.*

Good cooks are switching to Swift'ning

CLIP THIS ORDER BLANK! SEND FOR YOUR CAKE PANS NOW

Swift'ning, Dept. F, Box 6365, Chicago 77, Ill. 2

Please send me my set of two Heart-Shaped aluminum Layer Cake Pans, and folder of Special Occasion Cake Recipes. I enclose 75¢ in coins and paper disc from inside a can of Swift'ning or red portion of unwinding band. (Allow up to 3 weeks for delivery. Offer is good only in the U. S. A. Void in any state, or subdivision thereof, where prohibited, taxed or otherwise restricted. Offer expires December 31, 1949, or when supply is exhausted.)

NAME .....

ADDRESS .....

CITY ..... STATE .....



Our kitchen looks new with these bright walls

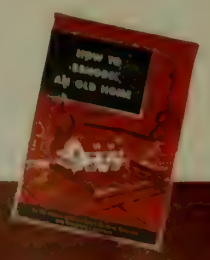
is was just an ordinary-looking kitchen until the drab, old walls l ceiling were covered with Armstrong's Monowall.®

Monowall is an ideal material for remodeling a kitchen or bath- m. It's made in big panels that go up quickly right over the old ls. The whole job can usually be done in a day or two, and you use the room right away. In a new house, Monowall can take place of plaster, and it saves repainting every few years.

Monowall keeps its bright new look because it's so easy to clean. st and dirt just can't stick to its glossy surface.

ou can choose Armstrong's Monowall from a range of clear rs in plain and tile or streamline designs. In this kitchen, both n and streamline designs were used, and even the cabinets were t with Monowall surfaces. Ask your lumber dealer for full details ut Armstrong's Monowall before you remodel.

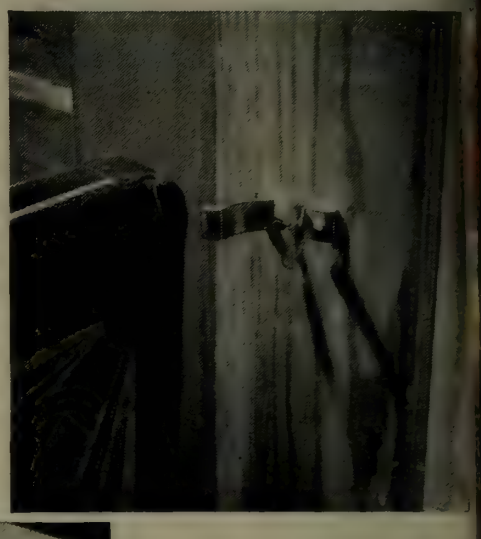
END FOR FREE BOOKLET, "How to Remodel an Old House." It's packed full of information on methods nd materials, illustrated in color. Write Armstrong Cork ompany, 4906 Shippen Street, Lancaster, Pennsylvania.



RMSTRONG'S MONOWALL

of the building materials made by the makers of Armstrong's Linoleum

How-to for the handy man



Keeper for card table. If you store your folded card table behind a door or against a closet wall, you need some device to keep it from falling over. A spring-type broom holder, screwed to a wall or door-frame, will do the job. You may find it necessary to spring the broom holder's jaws apart to make them fit table edge



Add a shoe cleaner. If you climb a ladder with mud on your shoes, you are inviting an accident. As a safety-first measure, mount a small corner brace on the side rail below the ladder's bottom rung or step. Use it to scrape your shoes clean before you go up. You'll lengthen the ladder's life, too, by not grinding away at the wood with dirt on your shoes

Photographs: Kenneth Murray



Silence that loose doorknob. If you have a doorknob that fits so loosely it rattles in use, you can easily silence it. Just remove the retaining screw, pull off the knob, and drop a pellet of putty or weather-stripping compound inside the knob. When you reassemble the unit, the pellet of putty will form a cushion and fill space that has let your doorknob rattle



Hammer holder for a ladder. A loose hammer lying on top of a stepladder is likely to slip off—with possibly painful results. To avoid such an accident, mount a kitchen broom holder on the side rail of your ladder. Use it to hold your hammer, screwdriver, or similar tool when you are not using it

More on page 23

BEAUTYREST... THE MATTRESS BUY OF THE YEAR!

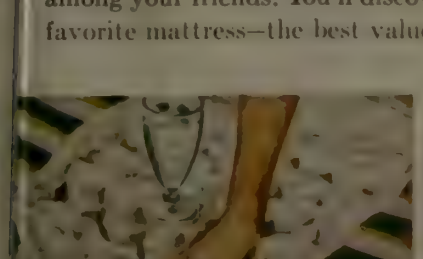
1½¢ A NIGHT! 1½¢ A NIGHT! 1½¢ A NIGHT!

Here's a good way to check up on mattress values, even before you put your money down!

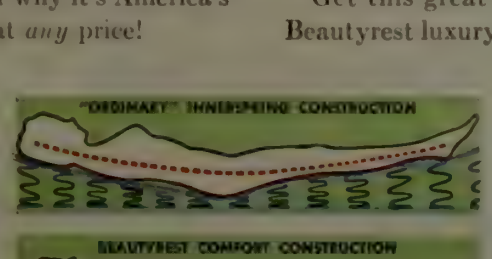
Ask a Beautyrest owner. There're probably *several* among your friends. You'll discover why it's America's favorite mattress—the best value at *any* price!

Real *luxury rest* for only 1½¢ a night. Figure it out. $59.50 is the price. And Beautyrest is guaranteed for 10 years. That comes out to only 1½¢ a night!

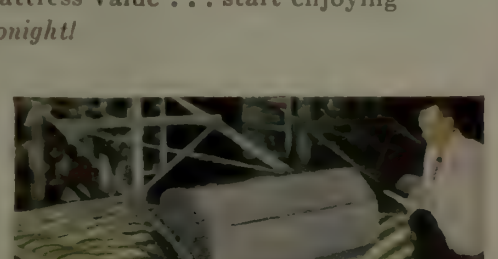
Get this great mattress value . . . start enjoying Beautyrest luxury *tonight!*



ass-of-water test proves Beautyrest unique—Beautyrest is better! See how ch of its 837 coil springs is *individually keted*. Springs act on their own—*rings can't force each other down!* sult: Just pure comfort!



2. Here's the big difference between Beautyrest comfort construction and "ordinary" mattress construction. "Ordinary" mattress springs are *tied together,* pull each other down, cause *sag!* But Beautyrest springs are *not* tied together—*can't* sag.



3. Twice as durable as the next best mattress tested in United States Testing Co. Laboratories. In "torture" test above, a 275-lb. roller pounds and squashes Beautyrest 740,744 *more* times than any other mattress tested!

P.S. Edges stay firm for the life of the mattress! Pre-built border and no-sag edges protect smartly tailored looks of your Beautyrest. Coils are built in to border's edge, giving you mid-mattress comfort right out to the edges. 8 ventilators keep it fresh and clean inside!



Simmons Interviews a Twelve-year Beautyrest Owne

Twelve years ago, Mrs. Clair Yates of Ridge, N. J. bought a Beautyrest. We wa to find out how Beautyrest stands up i tual use after twelve years. So we asked Yates.

SIMMONS: We guaranteed you years years of *luxury rest* with your Beauty Did Beautyrest fully live up to the pro

MRS. YATES: My Beautyrest is still as fortable as the first day I bought it!

SIMMONS: Did Beautyrest pre-built bo and no-sag edges hold up all these yea

MRS. YATES: Well, just look at my Beauty Not a sag or lump *anywhere!*

SIMMONS: How often do you have to your Beautyrest?

MRS. YATES: Only occasionally. Three or times a year at most!

SIMMONS: Would you recommend Beaut to your friends?

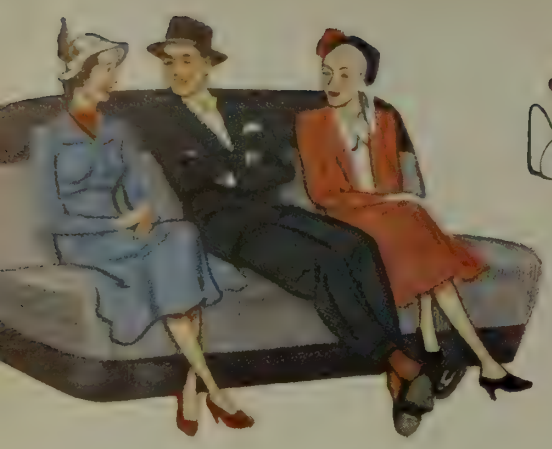
MRS. YATES: I *have*—often! In my opi Beautyrest is the best mattress you can

From us to you: Start *your* first ten ye Beautyrest *luxury rest* soon.

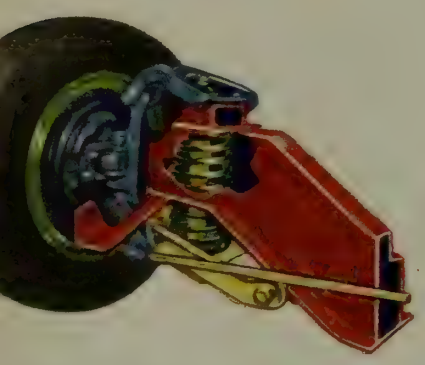
Only SIMMONS makes BEAUTYREST*

ALSO FROM THE HOUSE OF SIMMONS—the greatest name in bedding: Hide-A-Bed—the sofa that doubles as an "extra bedroom." Electronic Blanket—a new defense against colds. Deepsleep mattress—a fine Simmons mattress at a lower price. Babybeauty crib mattress—made to doctors' specifications. Ace Spring—the modern spring for the modern mattress.

*TRADE-MARK REG. U. S. PAT. OFF. COPR. 1949 BY SIMMONS CO., MDSE. MART, CHICAGO, ILL.



el those "Sofa-Wide" Seats!
ont and rear, they're designed
l built for living-room comfort
the road . . . and they provide
nty of hip and shoulder room
six big people!

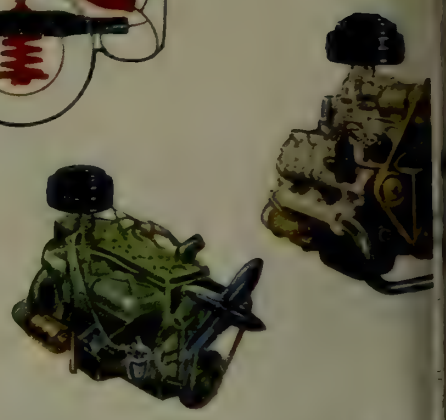


el those "Hydra-Coil" Springs!
u seem to float across the
mps! And the new Ford "Para-
x" Rear Springs give a soft,
el, rear-seat ride!

el that heavy-gauge steel in
d's "Lifeguard" Body and fen-
s. That new body and frame in
nbination is 59% more rigid!



Feel that "Mid Ship" Ride! You travel between the wheels in the low center-section of Ford's "Life-guard" Body . . . you get a true road-hugging "feel" that's sure and steady—even in a cross wind!



Feel that "Equa-Poise" Power
get from the new 100 h.p. V-
the new 95 h.p. Six! And th
up to 10% more gas economy,



Feel those "Magic Action" Bra
They're King-Size and 35% easi
apply. "Magic Action" uses pa
the car's own momentum to as

Take the wheel ...try the new Ford "Feel"

Feel the ease of handling . . . in traffic, in parking, on the open road . . . the sense of control you get from Finger-Tip Steering . . . the response of the new Ford engines. You feel that the car is a part of you when you drive the '49 Ford!



"Come in today and take the wheel"

White side wall tires, optional at ext

How-to for the handy man

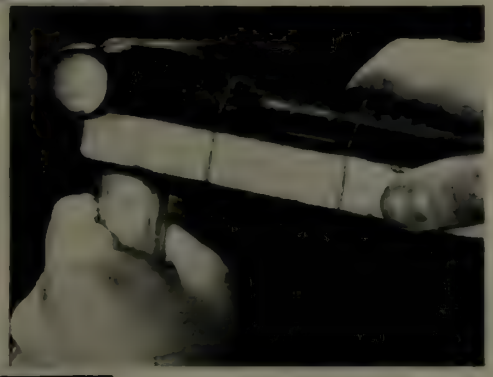
Begins on page 20



Wipe on the glue. When you put glue on a rough wooden surface, your problem is to get a uniform coat that is not too thick. An old windshield wiper makes a better spreader than a brush. You can easily wipe excess glue from the spreader, or let it harden and chip it off later by bending the rubber blade from side to side



Portable tool kit. Here's an idea for a portable, easy-to-make tool kit that will speed your handy-man jobs. Just fold a piece of oilcloth or canvas and sew pockets for small tools. Fold the other end over the bar of a wire clothes hanger and sew or staple it in place. The kit can be supported on a nail when in use, hung out of the way when you're not using it



Protects handle of chisel. The wooden handle of a chisel should be struck only with a wooden, rubber, or plastic mallet, never with a hammer. If you don't have a mallet on hand, wire a piece of scrap wood to the side of a hammer head, as shown, and use that until you can obtain a mallet



For Phillips screws. In making household repairs, you may have to remove a Phillips screw with a cross-shaped recess in place of the usual slot. An ordinary screwdriver will not fit, but you can adapt one by grinding off the corners of the blade as shown. Make a cardboard pattern; fit it in screw head before changing your screwdriver



Soldering iron support. If you lay a hot soldering iron down hastily or carelessly, it will char the top of your workbench. To eliminate this possibility, place a spring-type paper clip on iron just behind the head



"STUNNING!" she says...

"STORMPROOF!" he says...



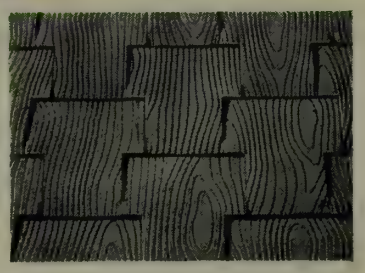
Now... ROOFING BEAUTY that gives DOUBLE PROTECTION against wind and weather

Here is shingle beauty that is actually real shingle *strength*, as well!

The patented, interweaving design—responsible for smart, basket-weave appearance of Ruberoid Dubl-Coverage Tite-On Shingles—also forms TWO complete thicknesses over entire roof!* Even hurricanes have failed to tear these shingles loose!

A product of over 60 years' experience in developing *top-grade* building materials, Dubl-Coverage Tite-Ons assure you of more *trouble-free* years for your roofing dollar. See your Ruberoid dealer, or use coupon below.

(Three Thicknesses—at certain vital points!)



"ONE-PIECE" ROOF!
Concealed interlocking and nailing firmly link shingles into "one-piece" roof—giving wind and weather protection to spare! No gadgets or exposed nails to rust away!

Dubl-Coverage
Tite-On Shingles

The RUBEROID Co.

Building Materials for Home, Farm and Industry

MORE YEARS FOR YOUR DOLLARS WITH RUBEROID

BH 6

The RUBEROID Co., 500 Fifth Ave., New York 18, N.Y.

Please send free booklet on Dubl-Coverage Tite-On Shingles.

☐ I am interested in shingles for new roofs
☐ I am interested in shingles for re-roofing

Name _____

Address _____

City _____ State _____

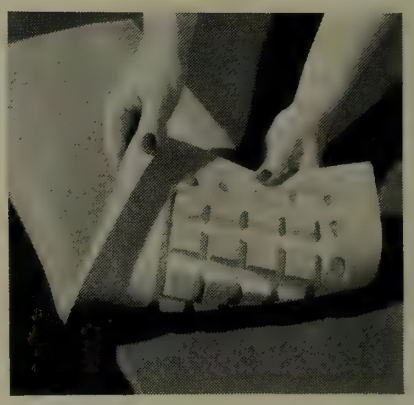
SAVE TWO CENTS... PASTE COUPON ON PENNY POSTCARD!

It's NEWS to Me!

By Gretchen King



Forced-air blower is portable and completely safe to use even with small children. Its construction makes it serve as a fan in summer, an exhaust fan or ventilator when placed in a window, as a dryer, or with your heating system to circulate and distribute heat. Unit may be used in any position; the adjustable grill directs air where needed, without drafts. Finger-tip switch controls air flow at three different speeds. *Superfan* stands 20″ high, with smooth enamel finish in bronze color. In stores, $34.95; about $2 higher west of the Rockies. Queen Stove Works, Inc., Albert Lea, Minnesota.



Stair pads of sponge rubber protect stair carpeting from wear, prolong its life and beauty, and cushion stairs against clatter. Each pad is 24″ long, to fit 27″ carpeting, tapered off at edges for a smooth, tailored fit. Each *Kastner Twin Air Cushion*, about $2.95, in stores. Twin Air Cushion Pad Co., 409 S. Chapel St., Louisville, Ohio.



Ladder bracket braces your ladder against the house, offsetting it 18″ from the wall so you may work under projections, at the edge of the roof, or in front of windows, without stretching upwards or sideways. Prevents damage to cornices and spouting by not allowing the ladder to lean against them. In pairs, the brackets hold planks for scaffolding. *Offset Ladder Bracket* of rigid steel is $6.95, at dealers or shipping charges collect. Steadfast Equipment Co., 57 Wheeler Ave., Pleasantville, New York.



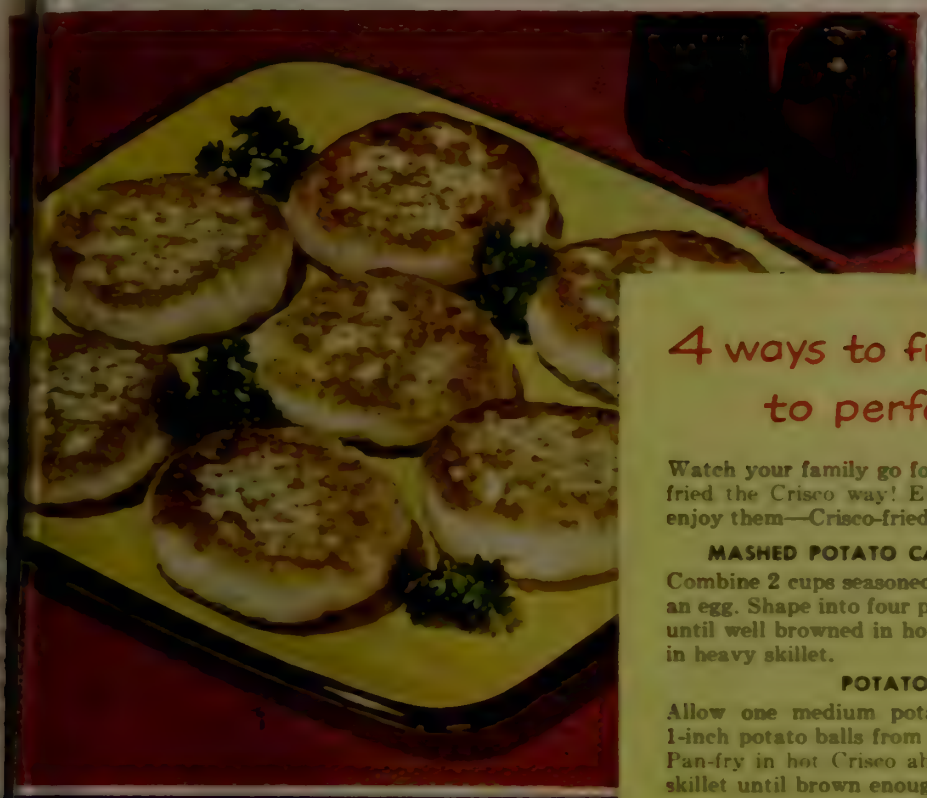
Kitchen scales of high accuracy add a note of gay color to your work. Suspended spring mechanism weighs up to 8 pounds by 2-oz. gradations; also shows gram measurements for European recipes plus a special gradation for measuring shortening by cupfuls. Scale is 6½″ high, with platform 3½″ across; in cheerful red, yellow, or white plastic; $3.25, in stores only. Hanson Scale Company, 525 N. Ada St., Chicago 22, Illinois.



Portable fluorescent lamp slips into dark corners to light repair jobs in difficult spots. Hook at top hangs the lamp to leave your hands free to work. The 6-watt lamp is always cool and glareproof while the metal shield directs rays onto the job you're doing. Bracket clips let you use the lamp as a fixture; slip it quickly from the bracket for emergencies. The *Sylvania P-6 Model* is equipped with 25 feet of heavy-duty cord and ballast; $4.95, at dealers or ppd. Auto-Test Incorporated, 1450 S. Michigan Ave., Chicago 5, Illinois.

More on page 26

...y're Crisp! They're Light! They're fried in Crisco





4 ways to fry potatoes to perfection

Watch your family go for these potato favorites fried the Crisco way! Even the youngsters can enjoy them—Crisco-fried potatoes are digestible!

MASHED POTATO CAKES (four servings)

Combine 2 cups seasoned, mashed potatoes with an egg. Shape into four patties. Dip in flour. Fry until well browned in hot Crisco about ¼" deep in heavy skillet.

POTATO BALLS

Allow one medium potato per person. Scoop 1-inch potato balls from cooked whole potatoes. Pan-fry in hot Crisco about ¼" deep in heavy skillet until brown enough.

POTATOES O'BRIEN (four servings)

Combine 2 cups cooked, chopped potatoes, ¼ cup each of minced green pepper, onion and 1 tablespoon diced pimiento. Fry until golden brown in hot Crisco about ¼" deep in heavy skillet.

FRENCH FRIED POTATOES

Allow one medium potato per person. Cut pared potato lengthwise into strips ¼" wide. Soak in cold water. Drain and dry thoroughly. Heat deep Crisco to 375°F. (or until an inch cube of bread browns in 40 seconds). Fry until golden brown—5 to 7 minutes. (*Notice—there's no unpleasant smoke or smell when you fry with Crisco!*) Drain on absorbent paper. Season and serve hot.

NEW! BIGGER! BETTER! CRISCO COOK BOOK. Just out, gives you 161 exciting new recipes, lots of full-color picture pages. Send 25¢ in coin and a Crisco label, any size, for *New Recipes for Good Eating*. Mail to Crisco, Dept. BG, Box 837, Cincinnati 1, Ohio. Offer good in continental U. S. and Hawaii.





Crisco—The One and Only—
Gives you Digestible fried foods!

Just looking at these golden brown fried potatoes makes your mouth water! And you can bet they're every bit as tasty as they look—crisp, light, just *melting* with savory goodness.

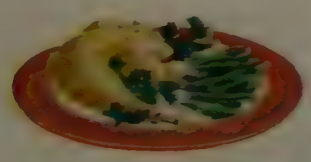
Best of all you can serve any of these Crisco-fried potatoes as often as you like. They're as digestible as if baked or boiled! Why, 9 out of 10 doctors say Crisco-fried foods are easy to digest.

Why not? Crisco is pure and all-vegetable. With snowy, creamy Crisco it's easy as can be to fry foods light 'n' right—safe for youngsters and oldsters, too.

Put Crisco to work in your frying pan today—and every day. Discover one more delicious reason why more women cook with Crisco than with any other vegetable shortening!







For cakes and pies and tasty fries

use CRISCO

IT'S DIGESTIBLE



The comfort that you love to feel

Firestone FOAMEX*

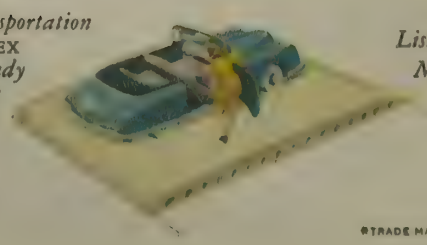
✓*In Mattresses, cloud soft* FOAMEX *stays cool, clean and never needs turning.*



✓*In Furniture can't pack down, sag or lump... even the cushions never need "plumping."*



✓*In Transportation seating,* FOAMEX *cushioning already has proved its durability over conventional "stuffings."*



Cuddle up to comfort, and baby yourself with petal-soft *Foamex* cushioning that cradles every weary muscle in complete relaxation. There's just no comparison between *Foamex* and old-fashioned stuffings. *Foamex* is an entirely different material ...pure latex, whipped with air to a creamy foam—and baked like a meringue. It yields to your contours, yet gives firm, buoyant support. Because *Foamex* delivers such luxurious comfort with so little bulk, it contributes loveliness of line and shape to exciting new designs. Only Firestone makes *Foamex*. Be sure to ask for *Foamex* by name—it cushions the finest cars, the most comfortable furniture and mattresses, everywhere.

Listen to the Voice of Firestone Monday Evenings over NBC

Guaranteed by Good Housekeeping

*TRADE MARK © 1949 FIRESTONE TIRE & RUBBER CO.

It's NEWS to Me!

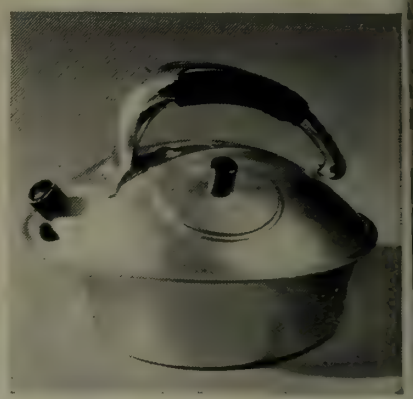
Begins on page 24



All-purpose sprayer is clear glass with an easy spraying action device on the screw-on cap. Use it to spray windows for cleaning, apply mothproofing liquids, sprinkle clothes for ironing, apply air deodorants—any job where a fine, dripless mist is required. Copper tubing and brass nozzle are rustproof. *Mistmaker* holds almost a pint; 49c in stores only. Federal Tool Corporation, 3600 W. Pratt Blvd., Chicago 45, Illinois.



Sash painter speeds the tedious job of painting around window glass, screens, or along the edge of door and window frames. Apply paint to the pad with paintbrush, draw the pad along the strip to be painted; metal guide edge prevents paint from spreading onto glass, screening, or wall. *Painter's Pal* is aluminum; 25c in stores or 30c ppd. The Leonard Company, 508 Third St., Des Moines 9, Iowa.



A teakettle of so many uses could only be called a *Doozy*. Its streamlined shape utilizes every bit of heat. A valve sets the kettle for whistling to signal a boil, to pour a heavy stream or a generous spray, or to serve as vaporizer. Side opening allows for easy filling and cleaning, provides a double boiler for melting chocolate, or cooking eggs. *Kitchen Doozy* is all aluminum with brass and stainless-steel fittings, heat-resistant plastic knobs and handle; holds 2 quarts. In stores only, $4.95. Excel Manufacturing Corp., Muncie, Indiana.



A hem marker of flexible Vinylite plastic makes it easy to measure hems or stitching lines accurately and quickly. Slots of varying depths from 2″ down to ¼″ hold the edge of your material flat while you mark the hemline. A handy ruler at the base is marked for 6″ measurements. *Hem-Marker* is 10c in stores or Singer Sewing Centers. The Elizabeth Institute, 850 Euclid Ave., Cleveland 15, Ohio.



A broom with rubber shoulders protects furniture and kitchen equipment from scratches and mars, no matter how carelessly you sweep. Fine broom corn bristles are red or green. The aluminum-finished handle is capped with a rubber hanger at the tip. *Kleen-Master Broom* is $1.69 in stores only. Kleen-Master Products, Inc., Bradley, Illinois.



Want to know when your griddle is hot enough to bake wheatcakes just right? The old-fashioned way was to drop some water on it and if the drops did a little dance, you started spooning out the batter. Now there's a special thermometer for letting you know when to start the cooking, whether it's hot for pancakes or low for pork sausages. Lay the *Griddle Meter* on the griddle, take it off when it registers the correct temperature. In stores only, the *Griddle Meter* is $1.50. West Bend Aluminum Co., West Bend, Wisconsin.

More on page 28

Stop Taking COLOR For Granted!



● Color Dynamics enables you to select bedroom decorations that perk up your spirits —help you wake up on the sunny side and start the day right in a cheerful frame of mind. (PHOTO COURTESY OF DREXEL FURNITURE COMPANY)

Turn to Pittsburgh's system of COLOR DYNAMICS for fresh ideas that give new life to dull, drab rooms and greater pleasure, comfort and well-being for the entire family.

● Stop taking color for granted! Discard old-fashioned or conventional ideas when next you decorate your home. Let yourself go with color. Pittsburgh's system of COLOR DYNAMICS offers you the opportunity for fresh and modern arrangements—with assurance of artistically perfect and scientifically accurate results.

And the reward of your courage will be new life for tired-looking rooms and greater happiness, contentment and health for all the people in your home.

Now You Can Measure Your Home For COLOR

● By following the principles of Color Dynamics in exterior decoration, you can bring out the finest architectural features of your home as well as the most charming effects of its setting.



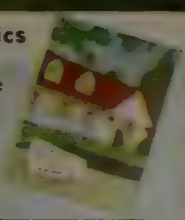
SCIENCE long has known that people are affected and influenced by the *energy in color*. Some colors inspire and stimulate. Others soothe and relax. Still others cause depression, irritation and fatigue. That's why it is important to know which colors are best for your rooms.

With Pittsburgh COLOR DYNAMICS you can choose exactly the right combinations for every room in your home—in keeping with its use and exposure to light and sun.

And when you use Pittsburgh Paints you make these new color arrangements look better longer! Oil-base WALLHIDE covers most any surface thoroughly with one coat. FLORHIDE is a durable enamel finish for wood or cement floors. WATERSPAR Varnishes and Enamels are perfect for woodwork, metal trim and furniture. Fume-resisting SUN-PROOF House Paints retain their gleaming brightness longer than ever before.

When next you decorate, discover for yourself how much the right color arrangements and finest quality paints mean to your home. Paint *right* with COLOR DYNAMICS—paint *best* with Pittsburgh Paints.

Free Booklet on Color Dynamics



Ask your Pittsburgh dealer or store for a FREE copy of our new booklet, "Color Dynamics for Your Home." Or send this coupon.

Pittsburgh Plate Glass Co., Paint Div., Department BH-69, Pittsburgh 22, Pa.

*Name*_____

*Street*_____

*City*_____

*County*_____ *State*_____

PITTSBURGH PAINTS

PAINTS • GLASS • CHEMICALS • BRUSHES • PLASTICS

PITTSBURGH PLATE GLASS COMPANY



It's NEWS to Me!

Continued from page 26



Clothes prop of aluminum tubing props your clothesline up where laundry won't whip on the ground. Twist lock ring extends prop from 4½′ to 8′. Rubber tip is slit to hold line firmly; tip at bottom prevents prop from slipping on grass or cement. *Aluma-Prop* weighs 17 ounces; $1.98, in stores only. New Holland Metals Company, Mountville, Pennsylvania.



Utility cart goes everywhere, carries everything. Tubular steel frame supports a standard bushel basket (not included) for laundry, garden work, or marketing. Stands fold flat to let you push or pull cart and for storage. Big, rubber-tired wheels roll up stairs or across lawn easily. *Hom-Kart* is $6.95 in stores or plus 50c postage from B-W Manufacturers, Inc., 721 N. Webster St., Kokomo, Indiana.



Hang pictures, mirrors, or even small shelves without driving nails into the plaster. The *No-Nail Hanger* is a metal hook sealed into adhesive-backed material that sticks onto metal, tile, wood, paint, or wallpaper and dries in a few minutes. Supports up to 10 pounds in weight. When you want to remove the hanger, moisten the backing and peel it off—wall surface is undamaged. Package of 4 *No-Nail Hangers* is 25c, in stores or ppd. Roberts & Company, 4202 N. Whipple Ave., Chicago 18, Illinois.



Valance fringe gives curtains and draperies a luxury look, shortens the appearance of a long window, or lowers a high ceiling. Shown with the valance fringe is an edging fringe to carry color down the draperies or to trim a couch or chair. Valance fringe is 8″ deep, in a wide variety of colors; rayon, about $2.25 a yard; cotton, $1.25. Edge fringe in rayon, about 40c; cotton, 30c. In stores only. Consolidated Trimming Corporation, 27 W. 23rd St., New York 10, New York.



Measure the depth of moisture in the ground; take guesswork out of watering lawns, shrubs, or gardens. Meter is inserted in the ground at the spot being watered. When the ground is saturated to the desired depth, a spring releases the signal plate to let you know it's time to turn off the water. *Moistr-Meter* is stainless steel and aluminum enameled in red and white. In stores or ppd., $1.50. Garden Specialties Company, 343 S. Dearborn St., Chicago 4, Illinois.



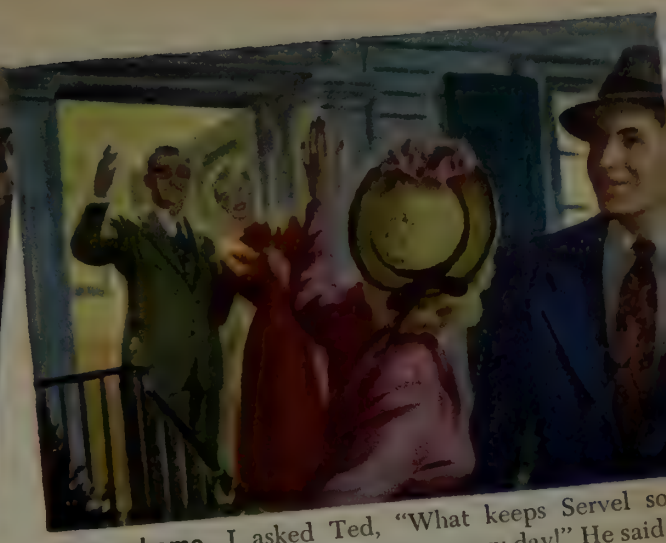
A paint scraper that really does the job is 12-gauge steel with 3½″ edge for removing paint in fast, wide swaths. Blade is flared slightly to make corners fit up under clapboard edges and into hard-to-reach spots on woodwork or furniture. Angled blade and curved rubber-grip handle are balanced for most effective use with the least pressure. *Sure Grip Scraper* is 8½″ over all; $1.98, in stores or ppd. Sure Grip Scraper Mfg. Co., 2201 Harriet St., Racine, Wisconsin.



otted a surprise party for Ted's folks' 25th rsary. We sent them off, then sneaked fixings eir refrigerator. "It's *so* silent!" I exclaimed.



Later, Ted's dad surprised me! "We've had that refrigerator 20 years, and still no noise, no repairs! It's a Servel. And Servel stays silent, lasts longer."



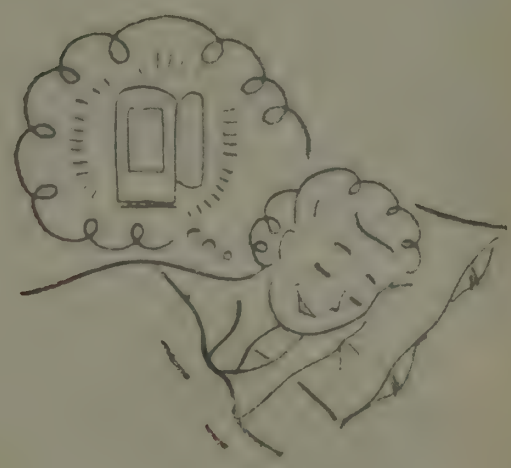
Going home, I asked Ted, "What keeps Servel so silent? *Our* refrigerator gets noisier every day!" He said "Servel has a different kind of freezing system, I guess."

Y SERVEL

Stays Silent Lasts Longer

because . . . it has no moving parts in its freezing system





Naturally, I couldn't rest till Ted and I went down to our Gas Company and looked at the new Servel next day. And I found the answer. Only Servel has no motor, no machinery, *no moving parts at all* in its freezing system! Just a tiny gas flame does the work.

We picked out a model—for us—right away. And whee! What a beauty! There's every new convenience . . . a big frozen food compartment, plenty of ice cubes, lots of tall bottle space. Moist and dry cold for fresh foods. *And* it'll stay silent, last longer.

This story is typical. Over 2,500,000 families enjoy Servels today. Writes Mrs. Charles Fulton of Cranbury, N. J., "We bought our Servel in 1929, and it's never failed us once. I've recommended it to quite a few people."

y now convenience—see the new Servels at your Company or dealer. (For farm and country homes, el runs on Bottled Gas—Tank Gas—Kerosene.) Servel o maker of Servel *Ball-Type* Water Heater and Servel *Year* Air Conditioner. Servel, Inc., Evansville 20, In-a. In Canada, Servel (Canada) Ltd., 548 King Street, Toronto, Ontario.

STAYS SILENT . . . LASTS LONGER

Servel

The GAS Refrigerator



BEFORE YOU CHOOSE ANY REFRIGERATOR

Get this FREE book

by Mary Margaret McBride
Famous Radio Reporter

Every new refrigerator looks beautiful. But how long will it last? Will it grow noisy and run up repair bills? In her delightfully entertaining new book, radio's famous Mary Margaret McBride tells how she discovered what makes the real difference in refrigerators.

You can get your copy of the illustrated book, "Inside Story" at your Gas Company or neighborhood Servel dealer. It's free. No cost, no obligation. Don't put it off. Stop in for your copy today.

Want to feel like an heiress come bedtime?



THE CANNON GIRL SAYS: It's news today, when you pay less-and get something better! But that's true about your favorite Cannon Percale Sheets!



Now Cannon Percales are COMBSPUN! Softer, finer-because the cotton is combed till only the long smooth fibers remain!



Yet you needn't BREAK THE BANK to afford Combspun Cannon Percale beauties. Get this dream-sheet for less than you used to pay for carded Cannon Percale!



Such sweet sleeping! These are sheets of your dreams... snowy...FRESH AS ROSE PETALS against your skin...



And you'll love them even more as TIME GOES BY. 15% stronger; longer-wearing! So light, for easier bedmaking and laundering...



Enjoy all this luxury! Go to your favorite store-ask for COMBSPUN CANNON PERCALE SHEETS!

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CANNON

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COPR. 1949 CANNON MILLS, INC.

New compound promises

K. O. for allergy dust

Easily applied to rugs and fabrics, it clips the wings of aggravating particles

by Lawrence Galton

A simple new method of trapping household dust promises relief for millions suffering from allergy to dust. These millions include persons with asthma, hives, perennial hay fever, gastro-intestinal disturbances, headaches, nervousness, and other symptoms due solely or in part to house dust.

A special oil compound, sprinkled or soaked into rugs, bedding, and other seldom-laundered fabrics in the home does the trick. (Properly used, it is harmless to the materials.) It leaves an invisible film that seals in the allergy-producing dust for a year or longer.

Recently, in the medical journal *Annals of Allergy*, Dr. Arthur F. Coca, honorary fellow of the American College of Allergists, reported on a number of patients—he, himself was one—who got quick and dramatic relief. "The experiences," he concluded, "mark the product as an efficient, economical, harmless, and easily applied immobilizer of allergenic (allergy-producing) dust in fabrics in which it is presumably generated."

Other doctors are confirming this finding. Not long ago, a dermatologist announced to his county medical society that the dust immobilizer "shows promise of being one of the revolutionary and needed contributions to the field of allergy." From Dr. Fred W. Wittich, secretary-treasurer of the American College of Allergists, and chairman of the executive committee of the International Association of Allergists, comes the statement: "So far it has controlled respiratory allergies in which the usual methods have not succeeded."

A 39-year-old woman, long a sufferer from bronchial asthma with chronic rhinitis (inflamed nasal membranes), had tried dustproof covers on mattresses, pillows, and cushions with little relief. Even installing an air filter didn't help her too much. Then, on Doctor Coca's suggestion, she treated her floor coverings with the new compound. She hasn't had any symptoms for five months.

The woman's 4-year-old son who had had occasional asthmatic attacks didn't have any more after the dust factor was controlled. But whenever he played with his Teddy bear, and pushed his nose into the fur, he had spells of sneezing. The Teddy bear was treated, and the boy quit sneezing.

A New York doctor has tried the method on 10 patients with excellent results. One of them, a woman with asthma and sinusitis, first treated two rooms in her 12-room home in Westchester. When that helped considerably, she treated the others. She is now free of symptoms.

Doctor Wittich reports results on three patients who were among the first to use the immobilizer. One was a 2-year-old girl with widespread allergic eczema who was more sensitive to house dust than to foods and who had not been helped by injections of dust extract and other measures. Shortly after the new compound was used throughout her home, her eczema disappeared.

A college professor, with severe coughing and a perennial, almost intractable asthma, treated all carpets and draperies in his home. Although he still coughs when outdoors, he no longer coughs inside, and his asthma has disappeared. A physician's wife with recurrent asthma applied the compound and has since gone through the nights without wheezing or coughing.

The exact nature of house dust is still a mystery. With the exception of seasonal pollens, dusts that seep in from the outside are not gener-

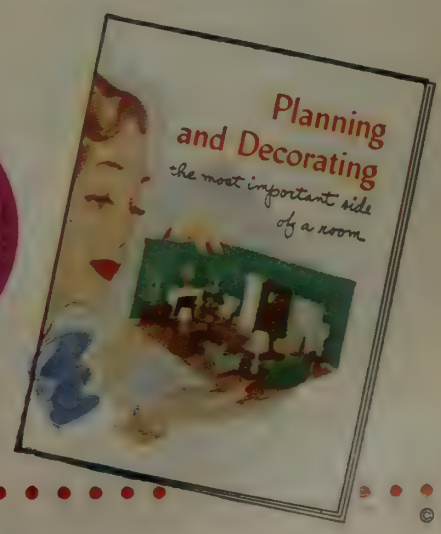
[*Turn to page 205*



Beautiful OAK FLOORS

To help you get the "new look" in floor treatment for your home, write for the sparkling, new full-color booklet, "Planning and Decorating . . . *the most important side of a room.*" In it you will see how beautiful, versatile oak floors will complement the beauty of your home and enhance the charm of your furnishings, whatever motif you choose.

SEND FOR THIS FREE BOOKLET
"Planning and Decorating
the most important side of a room"



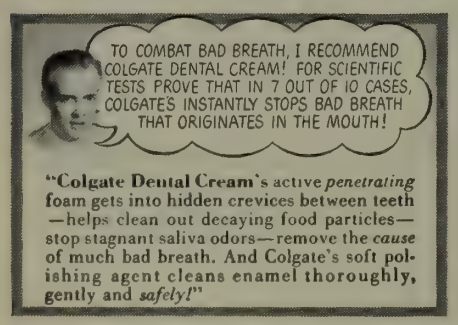
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HOME SERVICE BUREAU, Dep't.BH50,
National Oak Flooring Manufacturers' Association, Sterick Bldg., Memphis 3, Tenn.
Please send me my free copy of "Planning and Decorating . . . *the most important side of a room.*"

NAME _____ ADDRESS _____

CITY _____ STATE _____





"**Colgate Dental Cream**'s active *penetrating* foam gets into hidden crevices between teeth —helps clean out decaying food particles—stop stagnant saliva odors—remove the *cause* of much bad breath. And Colgate's soft polishing agent cleans enamel thoroughly, gently and *safely!*"

LATER–Thanks to Colgate Dental Cream





Always use
COLGATE DENTAL CREAM
after you eat and before every date

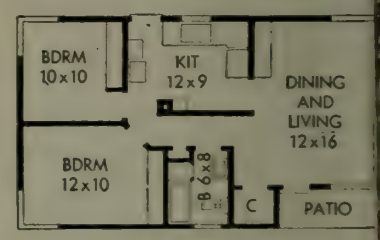
We stacked up logs... to make our house, and money, by doing our own work



We'll be ready to move into our new home as soon as we build the chimney, and finish the interior. We built the house of half-logs, because we found that method cheaper than usual frame construction. That's Howard, standin where the porch will be, looking in the front door. He figuring from the blueprints just where the partitions g

Photographs: Associated Photos





With two of us working together, we can make pretty good time of ou house-building. Howard is standing where the hall will be, nailing fire stops in the partition. I'm in what will be the kitchen, sawing 2x4's as my husband calls for them. Relatives have contributed some labor, but we haven't yet found it necessary to hire anyone to help us build our home

By Shirley Jones

We were in the same boat as countless other young families. I say we "were" because we are on our way out now. We looked fruitlessly for a house within our price range that would meet our minimum standards. After losing a down payment on one deal, we bought a lot in Brown's Point, a suburb of Tacoma, Washington. That piece of land was just as Mother Nature had left it—the forest primeval.

Howard—that's my husband—and I put on our working clothes. He with his shovel and ax and I with my brush hook made fast work of eight madrona trees and the underbrush. We're saving all the native setting possible: one huge madrona in front, several smaller ones and all the huckleberry bushes (that's our favorite kind of pie!), because we're building a log house. It's not native to the extent that we used our own trees, however. We drew up our plans, then bought the logs already cut. [*Turn to page 222*

Atom bomb? No...just lack of paint!

Does that sound fantastic?

It isn't! Without products of the paint and finish industry, every other industry in the country would have to shut down or find prohibitively priced substitutes. Buildings would disintegrate . . . coated cans could not be provided for food preservation . . . lack of certain insulations for cables and motors would strangle transportation and communications . . . America's commerce and industry would grind to a creaky stop!

Almost everything wears better, lasts longer, and looks more attractive because of the protective coatings perfected by the scientists in America's paint and finish laboratories.

Thousands of super-protective finishes protect everything from kitchen utensils to mammoth bridges from wear and abuse. Because the finish has so much to do with the life of your possessions, it's wise to remember: *At the start, consider the finish!*

How About Household Paints? Remarkable developments in product finishes are matched by recent improvements in paints!

New paints, varnishes and enamels—products of hundreds of the industry's laboratories—cover better, dry quicker, keep cleaner, and stay beautiful longer than ever before.

With replacement costs of your belongings so high, these magnificent new paints emphasize that *it always costs more not to paint!*

National Paint, Varnish and Lacquer Association, Inc., Washington, D. C.



Save the surface and you save all!

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This exciting new Chevrolet was made for you, if



...you prefer smooth, graceful styling

Like *curved* and *flowing* lines? Like styling that *stays* fresh and fashionable? Then this is for you . . . this long, low Chevrolet with the *only* Body by Fisher on any car in its price range!



THE FLEETLINE DE LUXE 4-DOOR SEDAN
WHITE SIDEWALL TIRES OPTIONAL AT EXTRA COST



...you're concerned about comfort and safety

And, of course, you are. So Chevrolet brings you surer steering, better brakes, and Panoramic Visibility, to make driving easier, safer and less tiring. For you, there's the extra roominess of Five-Foot Seats . . . the softness and road-steadiness of a new Knee-Action ride . . . the cradled comfort of Center-Point Seating *between* the wheels.



...you have a sharp eye for value

You just can't match it for the money! Compare the solid construction and fine workmanship of Chevrolet's Fisher Body. Compare the quality of the washable upholstery —and the convenience of such features as push-button door handles. Compare the record of dependability and economy that has made Chevrolet America's choice for 18 years. Then compare prices—and you'll find this exciting new Chevrolet *first for quality at lowest cost!*

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The most Beautiful BUY *of all*

CHEVROLET

CHEVROLET MOTOR DIVISION, GENERAL MOTORS CORPORATION, DETROIT 2, MICHIGAN

HAVE YOU HEARD?

The latest in garden news reported by Dr. R. Milton Carleton



Kills crabgrass

There's a trick to applying the new crabgrass killers. If you'll apply with a sprinkling can or a coarse spray that drenches the ground, you'll get almost perfect control of this pesky weed. The active ingredient in these newest and best killers is phenyl mercuric acetate. This presumably acts upon the latex in the crabgrass roots. Good permanent grasses do not contain latex, so are not affected by the spray.

African-violet puzzle solved

We've always assumed that African-violets shed their lower leaves like excess baggage when their usefulness is finished. But not so, say scientists in the Department of Floriculture of the University of Illinois. In careful tests they've discovered that soluble salts collected on the rims of clay pots cause the death of the leaf stems. If waxed paper, glass, or some other barrier impervious to these salts is placed between the pot rim and the leaf stem, it lives on and on indefinitely. This means it will be easier to grow larger plants with bigger flower displays just as soon as it's determined which barrier is best.

Feed plants through leaves

Nitrogen, one of the most important elements in plant feeding, has always been a tricky material to apply. Now they're doing it by spraying the leaves with a new-type plant food containing about 43 percent urea, a high-nitrogen fertilizer. Leaf applications are absorbed and are almost instantly available to the plant. A number of apple orchards in the northern and eastern apple-growing territories were sprayed this spring; field crops are next to be tested. Though still new, this method of feeding may well revolutionize our entire method of growing plants.

New shade tree coming

With elm trees dying over such large areas, the problem of finding a substitute for what has been America's favorite shade tree is already acute. The handsomest find to date is the newly patented Colonialocust, a vase-form thornless honeylocust. The Siebenthaler Company, of Dayton, Ohio, owners of the plant patent, will have no trees to sell for two years. But homeowners can look forward to owning a graceful tree with foliage that lets sun through so that the grass grows well beneath it. The tree makes no seeds so there are no pods to rake up. And because a locust has the ability, like other legumes, of storing nitrogen, the grass is always greener and thicker beneath a Colonialocust than out in the open. [*Turn to page 212*

A PRODUCT OF ARMOUR AND COMPANY

Dash



is fortified with LIVER!

Dogs know it!

Yes, even pups can tell there's something extra good in Dash. *Liver!* Dogs are so fond of liver that many professional trainers use bits of it to reward a good performance.

Dogs show it!

Yes, watch for brighter eyes, a glossier coat and a happier disposition when you feed Dash to your dog regularly. Dash is enriched with liver – the richest of all meats in quality proteins, vitamins and minerals. Moreover, kennel-tests prove Dash contains *every* food factor dogs are known to need for robust health. Get Dash today!

The dog illustrated is a Great Dane

AMERICAN-Standard

First in heating...first in plumbing

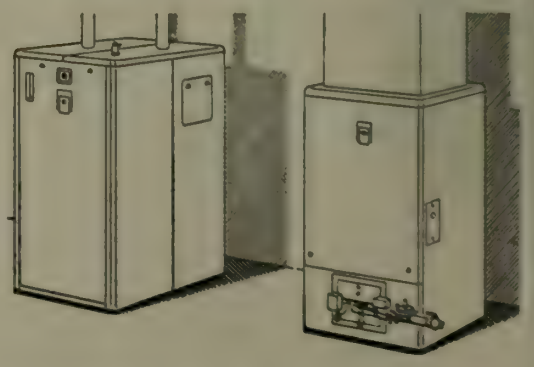


To help you with your home work

• You'll be delighted with the smart good looks of a kitchen sink by American-Standard. But you'll appreciate its convenience even more. These sinks have extra cleanliness, because compartment and drainboards are made all in one piece. And extra sturdiness, too, because there's a base of rigid cast iron beneath that heavy coating of acid-resisting enamel. Choose from a wide range of styles, colors, sizes. Time payments for remodeling. Sold through selected Wholesale Distributors to your Heating and Plumbing Contractor. Write for free HOME BOOK, containing room ideas and helpful facts about heating equipment and plumbing fixtures for your home. **American Radiator & Standard Sanitary Corp.**, Dept. B96, Pittsburgh 30, Pa.

Look for this AMERICAN-Standard HEATING PLUMBING *Mark of Merit*

Above: Custom-Line Sink. *Below:* The oil-fired Oakmont Boiler and gas-fired Shawnee Warm Air Furnace. American-Standard Heating Equipment and Plumbing Fixtures are the finest, yet they cost no more than others.



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How to enjoy being a father

Sure, fatherhood's no bed of roses. But it's full of opportunities for fun and love and companionship. Here's how to get yours while the getting's good

By Reuben Hill, Ph. D.

I heard a visitor from Sweden say the other day that the greatest laborsaving device she'd ever seen was the American father. No European male, she pointed out, performs the services we do. European fathers don't run errands, sit with the children, hang out the laundry, or wash the dishes. In Sweden, at least, a wife organizes *her* routines around the needs of her husband, provides him with comforts, and rears his children to respect him as head of the house. At least that's what the speaker said.

Anyhow, your job of being a father is a whole lot different than it used to be. Can you imagine yourself, for example, in the sandals of an Old Testament father—a desert sheik with a dozen wives and several dozen offspring? A powerful dictator, his main headache was protecting his nomadic family of as many as three hundred souls. At best he was a benevolent despot who sheltered wives and children as treasured wealth. No one questioned his right to rule.

Or take your own forefathers in New England, if that's where they come from. They could have disobedient children put to death. If you yearn to be that kind of father, you can learn how by reading Colonial history.

It was on the Western frontier that your great-grandfather finally weakened. He realized that a good woman was hard to find west of St. Joe or Omaha, and that he couldn't get along without one. So he surrendered some of his sovereignty. He kept a tight rein on the money-making, but he let mom ride herd on the household. The children were expected to mind both parents. A lot of families still operate pretty much this way in rural areas.

The place where dad's authority has taken the greatest beating is, of course, in the city. There's little of Lord and Master in Dagwood Bumstead. Blondie [*Turn to page 172*

REUBEN HILL, one of America's top young sociologists, is himself a father of four

The perils of paternity

as seen by Stanley and Janice Berenstain



"Mother said you'd listen to my tables"



"Ask your mother. She knows more about it"



"Oh, it's simple enough. It all has to do with . . . well, you see, it's very delicately balanced . . . then, there's a certain chemical in it . . . some long name—Methylate . . . Methylyne . . . Merthyolate . . .Well, you've seen Mexican jumping beans. . . ."

10 days in New England

In 1,600 miles you can see Cape Cod, Boston, Maine's cliffs and beaches, the White Mountains, the Green Mountains, the Berkshires. Cost? About $300 for a family of four

By Ray Giles



Surrey subway

8 Manchester, Vermont



Thy woods and templed hills

Yes, you can do it—make a sweeping circuit of New England in 10 days of easy driving.

You'll span southern Connecticut, cross Rhode Island, get all around Cape Cod, visit Plymouth, spend two days in Boston, admire the Maine Coast from its beginning to Bar Harbor, take in the best of the White Mountain area, and get elegant eyefuls of the Green Mountains, the Berkshires, and Connecticut's western hills. Mileage, about 1,600 plus not more than 400 extra for side trips. That averages from 160 to 200 miles a day. You shouldn't drive any more than that in New England; there's too much to see.

Vacation maps of the area bewilder you at first glance. The wealth of summer attractions is enormous. There are more than 5,000 miles of seacoast, 1,000 mountains, 5,000 lakes and ponds,

9 Charlemont, Massachusetts



Tanglewood Tales and music



Was the skeleton a Viking?

1 Hyannis, Massachusetts

10 New York



Nineteenth Century Limited

Mt. Washington, New Hampshire 6

5 Bar Harbor, Maine



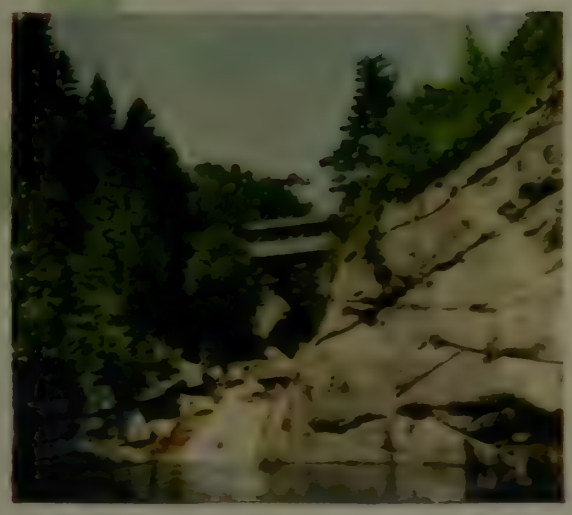
Stern and rock-bound coast

4 York, Maine



They that go down to the sea

7 Meredith, New Hampshire



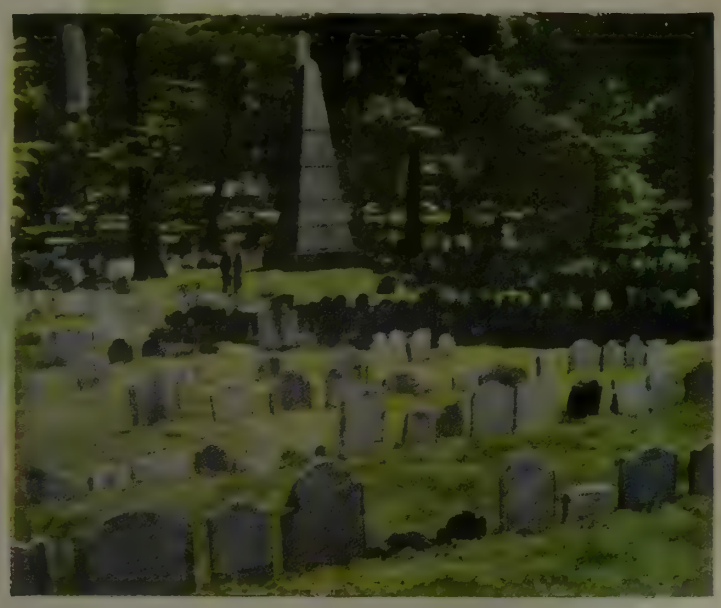
I love thy rocks and rills

600 golf courses, historic shrines by the hundreds, and swimming, fishing, and trails for hiking always at your elbow. Here's an itinerary worked out with the help of the American Automobile Association. With it, you won't see everything. You *will* see the most of the best.

June and July are recommended, because their longer days allow more sight-seeing, but the trip is perfectly good in August or early September. Overnight cabins are advised for convenience, for early-morning starts, and because there are a lot of good ones all along the route. In addition, cabins are convenient places to dress and undress for those swims you'll be taking. In Boston, though, you'll want to stay in a mid-town hotel for more convenient access to historic attractions.

Assuming you have four in your family and that you start from New York, the AAA adds up these approximate costs: Meals, $150; seven nights in double cabins at $8, $56; two nights in Boston hotel, $24. Allow $40 for gas and oil. That totals $270. Add $30, for miscellaneous spending and you arrive at $300. [*Turn to page 157*

2-3 Boston



Paul Revere sleeps here



Land of the pilgrims' pride

Photographs: Pote — Shostal, Boyd — Shostal, Gendreau, Kabel—Publix, Griffin—FPG, Lake—Publix, Orkin, Baldwin

A house that lets you rest

By Helen Aves

The little home pictured on these pages deserves close inspection. The fact that it's a remodeled boathouse is unimportant; what is important is that when they were finished, the people who built it had a home that was almost work-free, and as comfortable as an old pair of shoes. It lets them enjoy simple living.

Before they remodeled this house, the Benjamin Fields had tried to adapt themselves and their two boys to any house they bought. They got used to a house, but the fact remained that the house, not they, *dictated how they were to live.* It wasn't until the boys left home and Mr. and Mrs. Field got the urge to get out in the country that they discovered what they had been missing.

They decided to remodel this boathouse on the Grand River at Belmont, Michigan, because the boathouse happened to be where Mr. Field did a lot of fishing. If they got nothing else they were going to get a big, cheerful porch overlooking the river, the kind [*Turn to page 122*



Guests feel at home in this room, like to stay overnight. The Fields use a pair of twin box springs and mattresses for living-room couches, for guest beds. A small bath and deep closets make for guest comfort on this floor

Photographs: Suter, Hedrich-Blessing, Ltd.



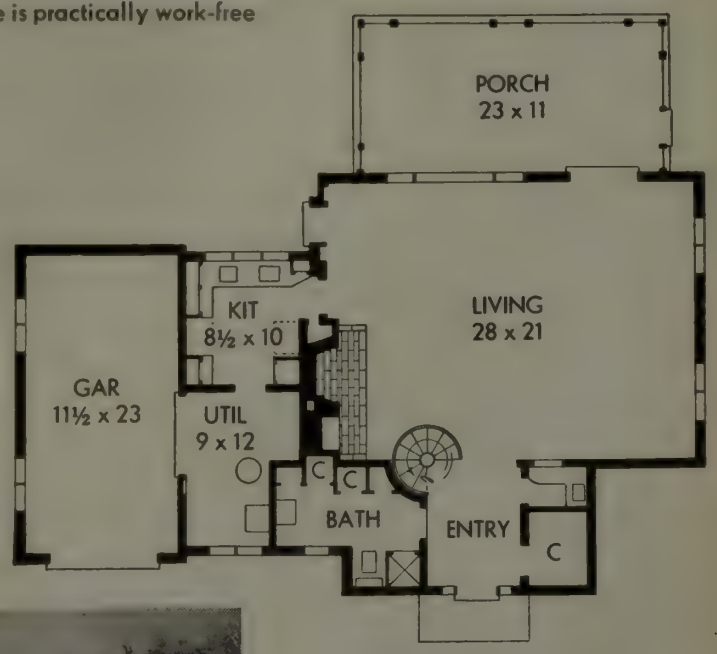
"We couldn't put on airs here even if we wanted to," says Mrs. Field. Because they like to entertain in bunches—and their friends like to come in bunches—the Fields planned their furniture groupings for conversation and completely informal entertaining. The Lazy Susan dining table makes large buffet dinners less work

The Fields' home is built around the enjoyment of basic things, like this view of the Grand River from their summer living room. Oak furniture weathers humidity on porch all winter, gets a lot of use because the house is practically work-free



BEFORE

The Fields weren't intrigued by this old boathouse, but were convinced that with but little change they could have a compact home





AFTER

They were right; they added a garage-service porch, kitchen, dormers, heating plant, and screened porch across the back to get this

More photographs on page 122



IDEA HOUSE that sets a trend

By Bob Gilmore

In every community there's a home everyone talks about. Families drive by it slowly, young couples dream of a future home just like it, and visitors are eager to discuss what they've seen inside.

This is such a house, in Edina Highlands, southwest of Minneapolis. Neighbors call it—appropriately—the Trend House.

That name is fitting because the house represents a trend in architectural thinking. It represents a type of home you'll be seeing more and more—a type of home you may be living in.

The house is important as a trend-setter because it is designed to meet the specific, round-the-clock needs of your family; to use to greatest advantage the laborsaving conveniences science is putting at your service.

The house also is important trend-wise because it does this job without self-consciousness, with maturity. It is a slave neither to modernism nor tradition.

You may never build the Trend House. But you will build into your new home its basic idea of providing handy, usable space for devices being manufactured to make houses less work and more fun. And chances are good you also will use some of its many individual ideas which provide extra convenience and better living.

The Trend House fits comfortably into its surroundings, clashing with none of its neighbors. Its cedar-shingled roof is broken into three clean, sweeping levels. Its walls are weather-tight cedar shingles painted a light yellow-green. The masonry that accents the front of the house is pink sandstone laid in a random pattern that casts interesting shadows.

The plan reveals the care that was taken to make the house comfortable and easy to live in. Consider, for instance, the accessibility of all areas of the house:

You can enter the kitchen—which takes most of the traffic in any house—from either the garage or utility room without passing through other rooms. The dining area is only a door, or a pass-through, away. You can reach bedrooms, bath, or basement from the kitchen without being seen from living or [*Turn to next page*



There's an idea for you in this floor-to-ceiling plant shelf in the entryway. Fixture under lower shelf lights plant tub

Photographs: Photography, Inc.



Fireplace location is a Trend House trick for your scrapbook. The fireplace forms a wall that separates living room from entrance door. Face of fireplace is pale tan travertine marble surrounded by a handsome blonde oak molding. Living-room walls are cocoa. Neutral color of ceiling extends to the base of plaster cove at top of walls

Sheltered, inset entrance to Trend House is set off by contrasting yellow-beige shingle walls and pink sandstone, break in roof

Idea house that sets a trend

Begins on page 42

dining areas—a convenience when you have friends over for an evening.

Both bedrooms and the guest room-study are shielded from each other and from living areas by distance or sound-absorbing wardrobes—yet the hall makes them accessible without any sacrifice of privacy.

The main entrance is sheltered, and there's a nod to the automobile age in the presence of a secondary main floor entrance through the garage, and a basement entrance from the garage which supplements a flight of stairs from the kitchen.

Interior finishes and arrangements acknowledge that the day of servants is past. Door and window moldings are simple, and nearly dustproof.

Washable walls in the kitchen, utility area, and bathrooms pick up little dirt, and a damp cloth will easily clean them. Linoleum, asphalt tile, and cork floors are easily and quickly cleaned.

You couldn't ask for a better arrangement, or more laborsaving equipment, than the kitchen offers. From food freezer to refrigerator to range, then to sink, dishwasher, and garbage disposal unit, everything is calculated to save time and energy. Conveniently arranged counters save still more steps.

Even if every day were washday, you would [*Turn to page 178*



Closet-cabinet unit in study-guest room has sliding door to save space. The cabinet will accommodate flat clothing



Wardrobe in owners' bedroom has six feet of hanging space, shallow front tray-drawers for folded clothing, and shelves for hats

Each Trend House storage space

is designed for a specific job



Mirror-backed wall niche in dining area of living room is lighted from above, has glass shelves for displaying glassware. Draperies conceal French doors to porch

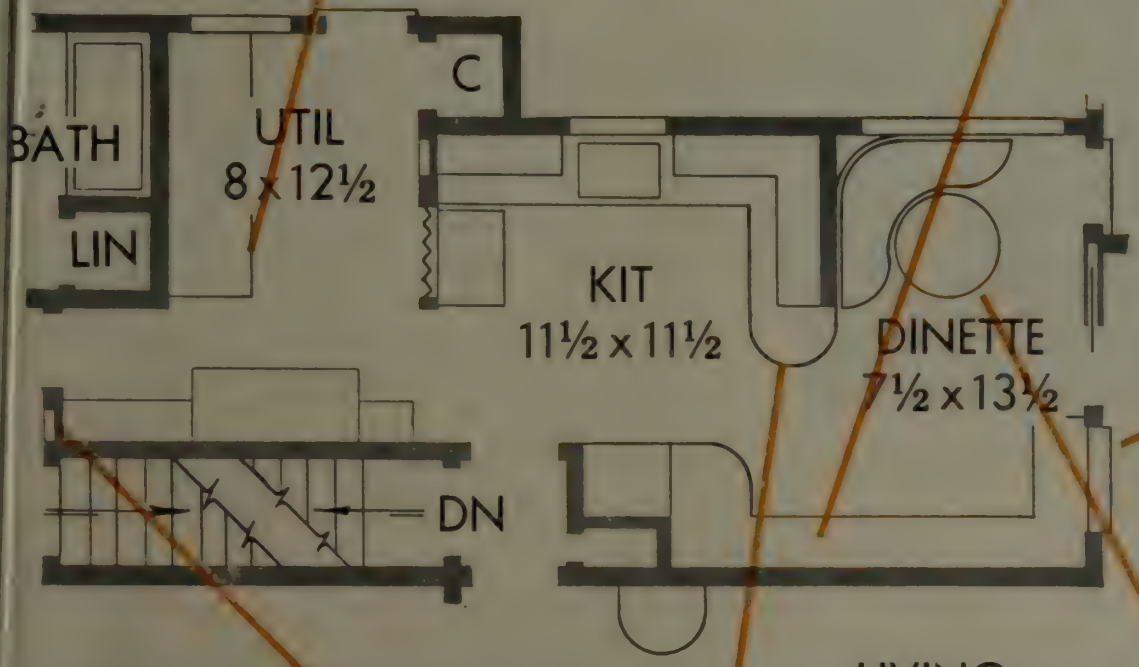
Service-area plan arranges appliances efficiently



Utility-room work space supplements laundry equipment, includes a table (lower left), cabinets (background), sink (upper left)



Space for frozen-food locker, and other laborsaving conveniences, is provided in well-arranged kitchen. There's more than enough space to work, plus cupboard room





Pass-through between kitchen counter and dining area has an overhead sliding door, drawers for linen



Screen-ventilated hamper is built under cupboard in utility room. Hopper is in bedroom hall



Counter-to-dinette serving makes casual meals doubly so. Cupboard serves both kitchen and dinette



Recessed ceiling spot sheds soft, even light on the dinette. Table top, seat fabric are easily cleaned



See how to get a

When you buy a radio, car, or refrigerator, you rely on the manufacturer's name and reputation to give you a good product. You don't take the machines apart to see how they're made.

But when you build a home, buy one, or have one remodeled, you don't have any such assurance. You have only your knowledge of construction and past experience to guide you. Usually that isn't much. Yet your investment is about 50 times more than you'll spend for any other product, except a car.

It's important for you to know what good construction standards are. You may not use your knowledge often, but if you learn to spot good and bad construction, you may save yourself thousands of dollars.

To bring you that knowledge, *Better Homes & Gardens* presents below the first part of a photographic encyclopedia of home construction. Most of the photographs are detail shots, but it is careful attention to small details that will assure you a well-built home. These pictures will help you recognize good building practices, materials, and craftsmanship. Savings on repairs soon will repay the extra cost of sound construction.

Leveling. Before construction starts, shape of your house must be staked out on your lot. Levels of footings and first floor are established with a surveyor's level and batter boards (boards on stakes that mark the corners of your house).



Trenches. Trenches into which concrete for footings will be poured must be squared at the bottom. Footings should be 6 to 12 inches wider than foundation wall itself, depending on height of your house. Trenches must be deep enough so footings will be below frost line—deepest point to which ground freezes in midwinter.



Footings. If possible, footings should be poured on solid earth. If ground is not solid or is filled, footings must be heavily reinforced with steel rods. Footings must be absolutely level, 8 inches thick for a one-story house, 12 inches for two stories. Raking works air bubbles out of concrete, makes it level and solid.



Chimney footings. The chimney requires a firm foundation. It should rest on footing 12 inches wider than chimney structure itself, and not less than 12 inches thick. House with basement requires similar footings under piers that carry house's weight. In a basementless house, slab acts as continuous pier.

get a better house

Here's the first of a series of articles that will show you in simple photographs how to guarantee yourself a better home

By Groff Conklin



Sewer line. After foundation walls are up, earth inside walls is leveled off, and a trench dug for sewer line. Depth of trench doesn't matter since earth under slab won't freeze, but sewer must slope down to city sewer so waste drains at a slow, even speed. Minimum practical slope is 1 inch drop in every 5 feet of sewer line.



Gravel base. After sewer is in, trench is filled and leveled. Then a layer of clean gravel at least 4 inches thick is spread over ground enclosed by foundation walls. Gravel must be large enough so it won't pack down, and should be thoroughly washed before it comes to the site. Gravel keeps the slab dry and insulates the floor.



Waterproofing is done in two ways. Here, sheets of heavy waterproof paper, usually tar-impregnated, are laid on top of gravel to keep concrete off the ground. Layers should overlap so joints between strips won't leak. Large-mesh reinforcing wire follows to strengthen concrete so it won't crack under the expected load.

Photographs: Herbert Stein



Waterproofing. Other method is to pour a thin layer of concrete directly on gravel. This must be strong enough to hold your weight, so you can lay tar paper or builder's felt over concrete. Paper or felt is then mopped with hot tar; reinforcing mesh and slab are put down. Picture is of roof, but same technique is used on floors.



The slab. Concrete must be at least 4 inches thick; 2 inches of plain concrete are enough if you use a base layer of special insulating concrete. So floor will be level, concrete is screeded—leveled by a straight-edged length of wood moved back and forth over the surface. Surface then is troweled smooth to take floor coverings.



Slab at wall. Where concrete joins foundation walls, (unless foundation is poured concrete) dampproof insulation board must be laid along walls so concrete and wall don't touch. These strips keep frost away from edges of the slab, and, if you plan to use panel heat, prevent excessive heat loss through foundation walls.

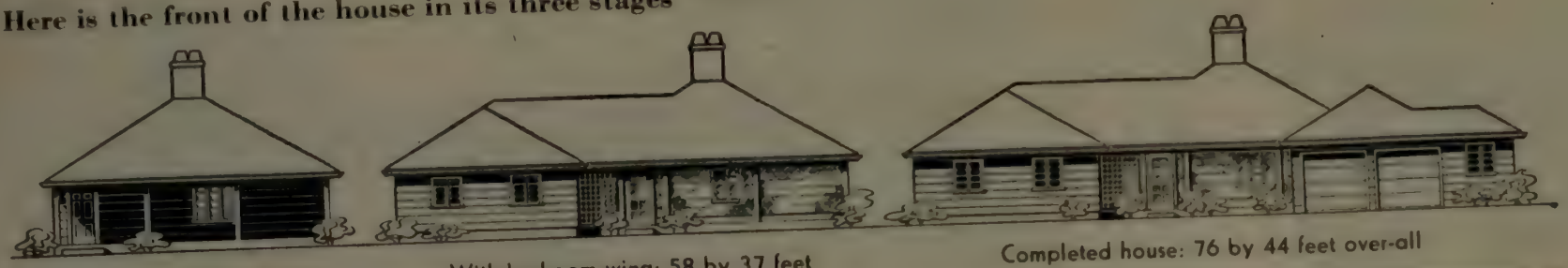
More photographs on page 146

House in its final form is long, but the steep pitch of the roof keeps it from looking too low. Walls are finished with untreated cedar shakes

Better Homes & Gardens presents Five Star No. 1906—a home

Designed for expansion

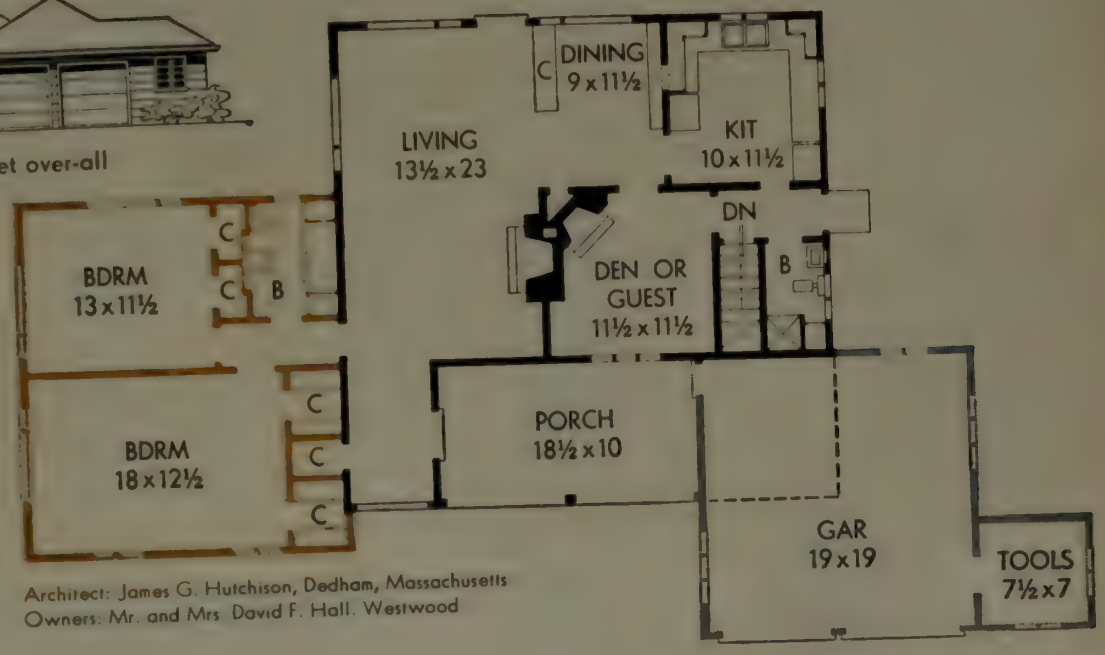
Here is the front of the house in its three stages



Basic house: 35 by 34 feet

With bedroom wing: 58 by 37 feet

Completed house: 76 by 44 feet over-all



Architect: James G. Hutchison, Dedham, Massachusetts
Owners: Mr. and Mrs David F. Hall, Westwood

Photographs: Richard Averill Smith



Living-room fireplace projects a foot from wall, is flanked by bookshelves up to molding height. Painting the projection and shelves green focuses attention on the brickwork. Fireplace floor is raised four inches

How to order plans, see page 156

By John Normile, A. I. A.

"We want an expandable house!"

That demand has become almost a war cry—or, rather, a postwar cry. Many of you want to build a house that will give you minimum shelter now, but a house that can be added to as your family and your bank balance grow, or when building costs drop. Some of you want a house to which you can build additions yourselves, using the main house as a base of operations.

Our best advice is to think twice before building an expandable house.

If you have to build a *minimum* house now, you'll be better off to sell it when you've outgrown it, and move to larger quarters. But if you can start with a *good* house that's planned for additions, you'll be better off to expand that house when you need more room.

A good expandable house must have three features: 1. In its first stage it must be complete and comfortable. 2. You must be able to expand economically. 3. The expansion must be planned so you aren't disturbed while the additions are being built.

Better Homes & Gardens Five Star Home No. 1906 is a good house if you build only part of it at the start. It's an even better house in its final stage—the way you see it on these pages. See how well it fits the three requirements of a good expandable house:

Requirement No. 1: In its initial stage, the house contains 829 square feet. It has a large living room with good light, good ventilation, and wall space for sleeping couches so it can double as a temporary [*Turn to page 150*

You can buy complete plans for any Better Homes & Gardens 5 STAR home

Double-feature garden on a tiny city lot

By Gerald J. Donahue

If you will center on two hardy perennials, like iris and chrysanthemums, you'll be astonished at what you can do in small space. I know. Our own garden space is relatively small. The over-all size of the entire lot is only 35 by 175 feet and this also accommodates our house and a double garage.

But by specializing, I've found you can have two really big garden events each year. Iris bloom can be stretched into weeks by planting early, midseason, and late-blooming varieties. You can do the same with chrysanthemums.

All this doesn't just happen, although anyone can do it if you'll follow the pointers I give here.

Early bulbs can be tucked in somewhere to precede the big first main-act. Roses, daylilies, phlox, and tuberous begonias all get a little room, so we—and you—will never be without color.

But all the main garden beds are interplanted with iris and mums—the best choices if you want a double-feature garden.

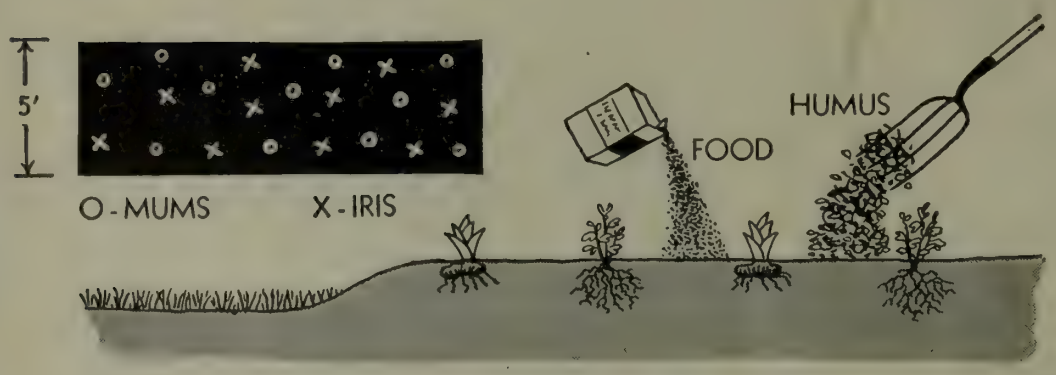
Chrysanthemums are never expensive and your iris need not be.

Based on performance in my garden I'm recommending the two best iris varieties in each color class. [*Turn to page 228*

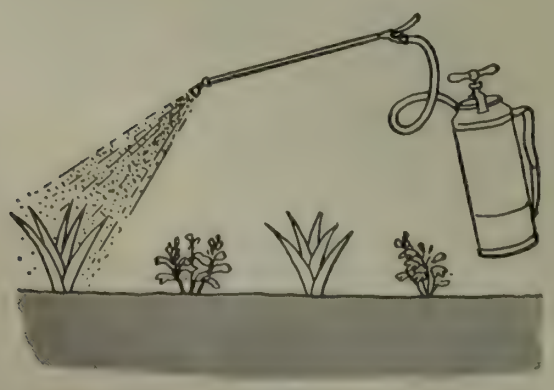
Concentrate your bloom. That's one of the main secrets of getting a spectacular two-season show from the same garden beds. In iris time, the mum plants are small, scarcely more than good green groundcover. Full sun, rich soil, continuous feeding, and good staking are the other musts. Reset iris clumps every third year to keep clumps vigorous and bloom stalks close together. Set your mums in by the first week in June.

By our doubling-up method you get as

When most gardens have gone drab and colorless, out pop the chrysanthemums to brighten all the beds. Cords and stakes are adjusted to allow the mum sprays to spread. Even the window box on the garage gets a few plants set into it while in full bloom, to replace the worn-out petunias. Large-flowered hothouse-type mums always amaze our friends. We are able to grow these outdoors in northern Illinois by choosing only the kinds that bloom before killing frosts



Beds need full sun. Interplant iris and mums 18 to 24 inches apart. Give light feeding monthly of a balanced plant food. Work humus into soil but keep mulch off the iris



When growth starts, spray iris foliage with 50-percent wettable DDT. Repeat twice before flowers open. Spray mum foliage with fungicide



On alternate weeks use rotenone on mums to kill insects. Keep mums staked upright. This lets more sunlight in between close-set plants



After it's blackened by cold, cut all foliage back to 7 inches. Cover with 3 inches of marsh or slough hay to offset winter heaving



Photographs: Hedrich-Blessing

as much bloom twice a year as you would normally get from a garden twice the size



Look what you can do with potted plants

Here's your answer if you're looking for something gay to give you quick color and pep up awkward dull spots



McCombs

Maynard Parker





This you might call a Jack-in-the-box plan, so quickly are the flowers changed. The plants are left right in their pots. Two changes keep the box always gay. These mums, coleus, and ornamental peppers were set in after the family returned from their vacation, will last till frost. Scalloped frame hides slatted bottom which drains quickly

← What potted plants can do for bare steps is something delightful to see. Saucers are not necessary here but do provide broader bases and so reduce the chances of upset or toppling by wind. In exposed positions keep soil a full inch below rims so that you can give a generous watering daily. These are pelargoniums

By Fleeta Brownell Woodroffe

You'll find, once you start exploring the possibilities, that potted plants can do a dozen things for you, and do them right away. Are you crowded for room, with your drive too close to your house for a good foundation planting on that side? Try pots in strap-iron rings screwed to your window sills. Fill them with glowing-rose balcony-type petunias. The cascades of color will never encroach on the drive—but that bare look will be gone.

Bring color and interest to your kitchen door by setting a strawberry barrel there planted with Wayzata, Gem, or some other good everbearing strawberries.

Camouflage a necessary but unbeautiful tree well. See how successfully this is done with potted primroses in the picture at left. Bedding begonias would be even gayer.

And see how you can dress up a porch where there's no other planting by setting down colonies of potted fuchsias, lobelias, Paris daisies, and fringed petunias at the posts.

Water your plants daily. Once a week make it liquid plant food, but no stronger than recommended on the package. Your flowers will almost overflow their pots.

Suter, Hedrich-Blessing



From Illinois to Florida, fancyleaf caladiums give a lush tropical look. Their reds and whites are one of the best combinations to use with red brick. Buy them already started, or set several bulbs in a large pot for a spectacular effect. Give rich, porous soil, and plenty of water. Excellent in part shade

Do it with geraniums if you want a bold band of color across your house. But don't try it with only six or eight. You'll need several dozen well-rooted slips. Sink pots part way. Never worry about crowding—plants of one kind don't mind leaning into each other

More on page 214

Now you can

Match dishes, linens, and glassware

By Fae Rowley



Soft pink hand-woven linen place mat, chartreuse and blue aluminum tumblers—this is the setting created for the blue, chartreuse, and brown pottery. Silverware has just enough design to enrich the plain modern pottery



At last you can buy table furnishings that are planned to go together. Up-to-date manufacturers are designing wares that harmonize. This doesn't mean that tablecloths, dishes, silver, and glassware will necessarily have the same decoration. That could result in a monotony.

It does mean that tablecloths are being made in colors and designs that will enhance specific types of dishes. That beverage glasses are being manufactured in special shapes and styles to key with popular dish patterns. That silversmiths are designing flatware patterns to harmonize with both Contemporary and Traditional settings.

This simplifies the planning of your table furnishings just as it helped your home-furnishings problems when the rug, drapery, and upholstery manufacturers harmonized their colors and styles.



Makers of this modern, medium-priced pottery offer a variety of smartly designed tablecloths, any one of which enhances the various colored dishes. The same manufacturer has developed special colors in glassware to blend with the different hues of his pottery

One linen designer makes special cloths for the fine old patterns in dishes. Here the famous Queensware grape pattern is highlighted by a colorful cloth with harmonious motif embroidered in a chain stitch. Fruit motif of the silver blends with grape design of cloth and dishes

For this inexpensive new earthenware with its vegetable design in the free-flowing modern French manner, a chartreuse and yellow cloth has been chosen. Green footed tumblers and water jug with yellow-handled knives and forks complete the co-ordinated ensemble



It's easy to find harmonious table settings now. China, glass, and tablecloth manufacturers are making colors and designs that go together



Charles Kuoni

For the Rosepath design on these inexpensive dishes, the designers recommend green, yellow, or brown cloths or place mats. Damask Rose silver pattern blends with the theme of the dishes. Sturdy plain crystal goblets complete this harmonious setting



Photographs: Stanley

This exquisite new Ma Lin china pattern harmonizes with several colors in cloths and runners—green, yellow, white, or persimmon. The brilliant color and strong design make these dishes blend well with either a Modern or a Traditional setting

Along with this trend we find china, earthenware, and pottery dishes being made stronger, lighter in weight, and more resistant to chipping and crazing. Decorations are simpler and more effective in color. Shapes are smoother and more streamlined. Manufacturers of low-priced dishes, averaging 25 to 50 cents apiece, are hiring famous designers for their inexpensive lines. The makers of our finest chinas are again producing jewellike decorations on greatly improved, featherweight bodies. Whether you prefer Contemporary or Traditional furnishings, there are patterns and colors that will harmonize with your home.

Here are a few examples of cloths, silver, and glassware coordinated with some of the popular patterns in dishes. In each, the colors and designs are planned to be used together to make a harmonious setting. See how beautiful your table can be.

Where to get it, page 244

We remodeled from payday to payday

By Robert M. Jones

You know how it is. You scrape the bottom of the barrel to buy an old, overpriced house. Then you decide you'll go crazy if you don't do something to make it look as a house should look.

We were at that point the afternoon when I climbed a stepladder and ripped out the fake ceiling beams and the antiquated picture molding. After that backing down was difficult. At times, as we stripped off lurid wallpaper, removed paint, and patched plaster holes, it seemed the job would never end.

But it did. Actually, the work took the evenings, weekends, and holidays of four months. And we avoided high labor costs; not one expert got so much as his little finger in the pie.

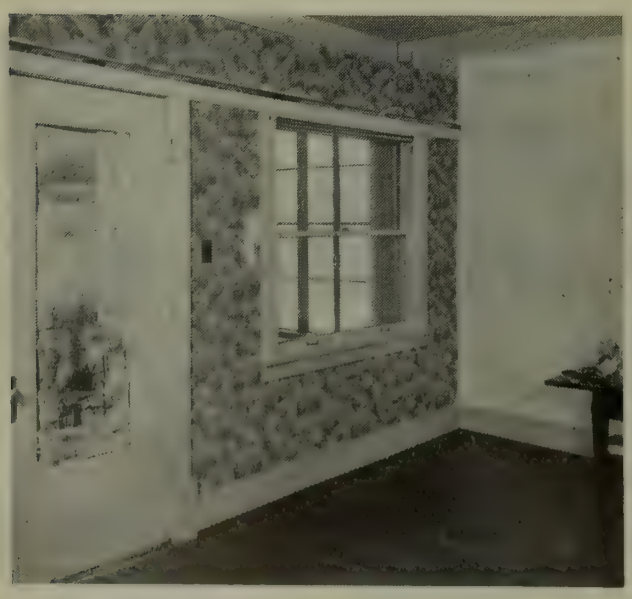
The finished job isn't exactly what you'd call lush. The little nest of tables (marked down to $9.95) represents the only new furniture in the room. Bookshelves and mantel were built of oak salvaged from the dummy beams. The large coffee table is simply an old worktable (original cost, $5) sawed down and finished with fire-engine lacquer. The step table was built of scrap lumber.

But it's our home, and we like it.

Simplicity, easy upkeep were our goals ——►

Pink fireplace was painted white and given a deep mantel to make it seem lower. Fussy little windows, good neither for light nor view, were hidden behind draperies. Window seats were built up to serve as end tables and log bins. Lamps were made from old pilasters. Corner padding modernized the lines of the old studio couch





Reading corner is child-proof ——►

Add some bookshelves, a lamp, and a place to lie down, and you get a reading corner always in demand. Oversized ottoman is an old box spring and mattress, covered with sturdy blue denim. No legs, no dust underneath. It has held as many as a dozen kids at once. Draperies ride on continuous I-beam track, the kind used for drapery displays in a department store





Be ruthless, we kept telling ourselves ——→

Never-closed door came off to make room larger. To hide the mortises, doorframe boards were reversed. Woodwork was stripped of paint and varnish, given a flat penetrating finish that won't mar. Upright piano seemed to shrink as mahogany stain was bleached out





Need more storage? ***See what we did in our hall, next page***

Build yourself a storage wall

Do you have all the storage space you need? If you don't, consider building a storage wall like the one we built in our front hall. It has this neat handful of advantages:

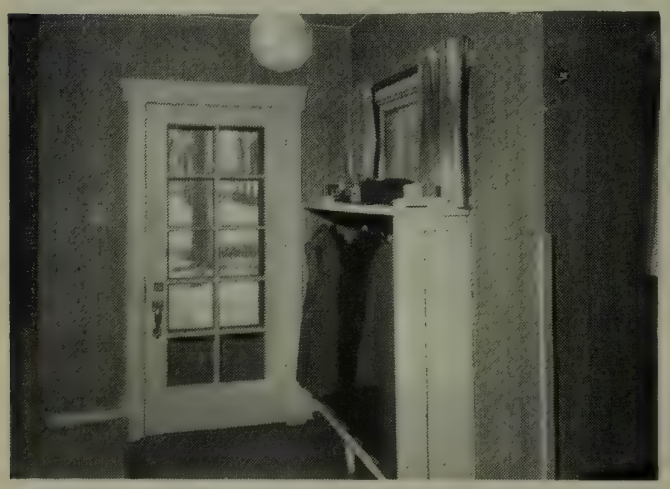
1. Construction is simplified in every possible way. An unhandy man can build this unit; in fact, one did. One exception: The chest of drawers was built to order by a cabinetmaker.

2. You can modify a design like this to fit your storage needs exactly.

3. A unit like this can be fitted to any wall space, and need be no more than 20 inches deep.

4. You can save money by being your own carpenter. A professional's estimate for this unit, unfinished, was $500. It actually cost us $163.55 complete.

5. No structural changes in the house itself are necessary to build this storage wall.



BEFORE What little storage space we had was unsightly and unworkable. Wallpaper that tried to look like wood made hall dark and gloomy. Painted woodwork got dirty in a week



AFTER New storage wall fills wasted area. There's hanging space for children's wraps on the left, for adult wraps on the right. Overhead shelf space holds a hundred things. Drawers are of graduated depth, have a mirror set in recess above. Stainproof wallpaper, green aluminum blinds finished job

Photographs: Stanley, Hedrich-Blessing



Accurate measurements are essential. Measure three times before cutting a piece of lumber, and you'll avoid mistakes. Plaster wall that will serve as back of unit is painted white to reflect light



Cutting accuracy demands a sharp saw. Try to cut on waste side of pencil line, leaving half the line on piece to be used. Find truest edge by sighting, and measure from there. Cut pieces are marked with chalk



Check saw frequently with a try square if you have trouble making right-angle cut. This will save your squaring edge with a plane. Before you cut plywood, mark and protect best side; defects inside

More on page 189

How to make a meal out of a sandwich

It's easy!—Along with the sandwich you just ladle out a brimming plateful of Campbell's Vegetable Soup. For this homey vegetable soup—with its fifteen different garden vegetables and good beef stock—is a satisfying dish indeed. No wonder men go for it, and children, too. No wonder women everywhere call it "almost a meal in itself." So remember—when lunch or supper must be quick, but nourishing and substantial, just enjoy your favorite sandwich and a plate of this hearty vegetable soup.



I'm not a very practiced hand
At making public speeches—
But how to make a tasty meal
Is what this picture teaches!

LOOK FOR THE RED-AND-WHITE LABEL



Campbell's
VEGETABLE SOUP





Berry delicious

By Myrna Johnston

If the family teases you for strawberry ice cream during berry time, here it is, in a cake-style shortcake. The ice cream is made in the refrigerator and tastes like the rich, old-fashioned ice cream you used to crank out in the back yard.

One Dad we know always asks for a strawberry pie—asks for it as long as the berry patch produces. The one in the picture is *super*. It takes a quart of berries. You put the big ones in the shell and you crush the small ones, cook them with sugar and cornstarch to make the beautiful red glaze. The exact recipe is on page 118.

The gelatine mold, top left, is Strawberry Bavarian Cream. Part of the patch garnishes the plate. On the same plate is another dessert idea—peach halves filled with blueberries. Raspberries are featured in a parfait with Floating Island, center. Top right, June Snowballs with custard sauce and big red berries.

Recipes are on page 118

Photograph: Charles Kuoni













Plate meals–garden fresh

They're up to the minute, this sextette of warm-weather meals, right in line with the latest trends of serving food in the simplest, most attractive way. And right in line, too, with June—playing up fresh tomatoes, the first garden peas and asparagus, crisp radishes, and green-topped onions.

These combinations taste good together, look pretty on the plates, and are quick to prepare. You serve the plates on the kitchen counter to save time and dishes and to assure an attractive, uncluttered table. Each plate is an invitation to good eating. You can be sure the folks will eat every bite.

Dinner in Casserole, upper left

MAIN DISH	VEGETABLE	SALAD OR ACCOMPANIMENT	DESSERT	NICE TO SERVE
Individual Veal Pie* With Mashed Potato Topping	Buttered Broccoli or String Beans	Orange-Grapefruit Salad Twin Rolls Butter Ball	Fresh Strawberry Sundae	Hot Coffee Mints

Pipe edges of veal casseroles with fluffy mashed potatoes (you can make a pastry tube from brown paper). Brush potato topping with mixture of beaten egg and paprika. Orange and grapefruit sections are arranged in groups of three to form flower—tuck maraschino cherry with stem at the base. You'll find easy directions for making the butter balls on page 114.

June Fashion Plate, upper right

Broiled Lamp Chop on Toast Points*	Buttered Peas	Carrot Curls on Water Cress Broiled Pineapple With Jellied Cranberry Sauce	Minted Pineapple Sherbet* or Frosted Fruit Cocktail	Coffee Salted Nuts

Sprinkle pineapple slices with mixture of brown sugar or honey and butter; broil beside lamb chops. Chill canned jellied cranberry sauce; slice and cut out. Place on top of pineapple slice at serving time. Prepare carrot curls ahead of time to serve as salad. Serve chops piping hot on toast triangles to catch every drop of juicy goodness. Pineapple sherbet is cool and green.

Ladies' Luncheon, center left

Tuna Salad Mold With Mayonnaise* Deviled Eggs	Buttered Green Beans	Tomato Wedges on Curly Endive Sliced Cucumbers	Floating Island	Cups of Consomme Wafers

Prepare molded salads, eggs, tomatoes, and cucumbers early—chill in refrigerator until time to serve. Make your favorite stirred custard; chill. Gradually beat 2 tablespoons sugar into each stiff-beaten egg white. Spoon meringues into scalding milk and let cook until firm, about 5 minutes. The islands float on cooled custard. Top with berries, colored sugar, or nutmeg.

Dinner in 30 Minutes, center right

Dried-Beef Casserole*	Asparagus With Hollandaise Sauce	Sliced Tomatoes Hot Bran Muffins*	Lime Ice Cream Sugar Wafers	Chilled Fruit Juice Currant Jelly

Here's a plate meal that dovetails preparation, with all the foods ready for the table at the same instant. Macaroni for the casserole cooks tender while you mix muffins. Pop muffins in oven and complete the casseroles—they bake in just 15 to 20 minutes so they'll come out with the muffins. Asparagus will cook tender while you are preparing the Hollandaise Sauce.

Having Company? lower left

Broiled Luncheon Loaf With Orange Marmalade*	Glazed Carrots	Easy Molded Fruit Ring on Garden Lettuce Nut Bread Slices	Strawberry Shortcakes*	Spiced Apricots* Coffee

Salad's simple—can be prepared day before. Prepare 1 package lime-flavored gelatine, as directed. Add 1 cup drained fruit cocktail. Pour into individual ring molds to chill. Buy or bake nut bread for sandwiches. Spread with mixture of cream cheese and light cream. Thick slices of luncheon loaf are topped with a tablespoon of orange marmalade for a sparkling glaze.

Cool and Quick, lower right

Ham Rolls Stuffed With Horse-radish Sauce	Parsley New Potatoes Broiled Tomatoes Cheese Topper	Green Onions Radish Roses Parker House Rolls	Bowls of Blueberries and Cream	Iced Tea

Fold 3 tablespoons well-drained horse-radish into ½ cup heavy cream, whipped. Season with ½ teaspoon salt. Spread on ⅛-inch slices of boiled or baked ham, roll and fasten with toothpick. Cut medium tomatoes in half, season well, heat in broiler; sprinkle with grated American cheese; broil until the cheese is golden brown. Serve the blueberries icy-cold.

Photographs: Photography, Inc.

53 Taste-Tested Recipes

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✓ **Ample counter clearance?** About 14 inches between cabinets and counter tops allows clearance for tall utensils, yet keeps the upper-cabinet shelves within reach. Plan for one counter with no wall cabinets above it to give you headroom when you use appliances such as an electric mixer

✓ **Good lighting?** It lessens the strain of your work and guarantees a cheery kitchen at any time of the day. At the sink, you should have a combination of window, overhead, and ceiling light. Along counters you may spotlight work with under-the-cabinet fixtures. Many ranges have surface light. Or you may install light on wall over range

Check your kitchen

It's the little things that make a kitchen a pleasant place to work. Does your kitchen have these important details that give you maximum convenience?

By Janice Price

This check list is for you, whether your kitchen is 10 years old or brand new. Stand back and look around. Do you have convenient outlets to plug in your electric appliances? Is the lighting and ventilation adequate? Does your refrigerator door open in the right direction? Are drawers partitioned to fit your equipment? Are your tools in the spot where you use them? Do you have a place near the range for pans, for serving dishes? Do you have enough space between counter tops and cabinets?

These are details that add up to kitchen convenience. Take stock to see if you have enough storage space and work space, and if you are making the most of it. If you don't have enough, how can you improve it? The photographs here and on pages 109 and 110 show you some of the most important points. What's the score for your kitchen?

More photographs on page 109



✔ **Range-side storage** for pans? It's handy to lift skillet directly onto the range. Also saucepans and teapots that take boiling water from teakettle. Utensils to be filled with cold water may better be kept by sink. Or, better yet, plan your pan-storage space within reach of both range and sink



✔ **Place for potatoes?** For onions? And for the extra grapefruit or oranges you buy at bargain prices? Do you have an easy-to-reach spot for keeping canned goods? Sliding ventilated bins or drawers solve the problem neatly. They're installed in some new cabinets. Or portable bins are available



✔ **Refrigerator open onto counter?** If it does, you can remove foods, place them on counter in one easy motion. Vegetables make non-stop trip to salad bowl. If refrigerator stands alone, you juggle bowls, set things on top of refrigerator, carry items back and fourth from the working spot





✔ **A mixing center?** Do you have a special work spot where all your tools and ingredients are within arm's reach? You need a counter where you can roll pastry or cookies, mix cakes. You need cabinets and drawers for pastry blender, rolling pin, mixing spoons and cups, spices, and baking pans

Photographs: Marion Pease

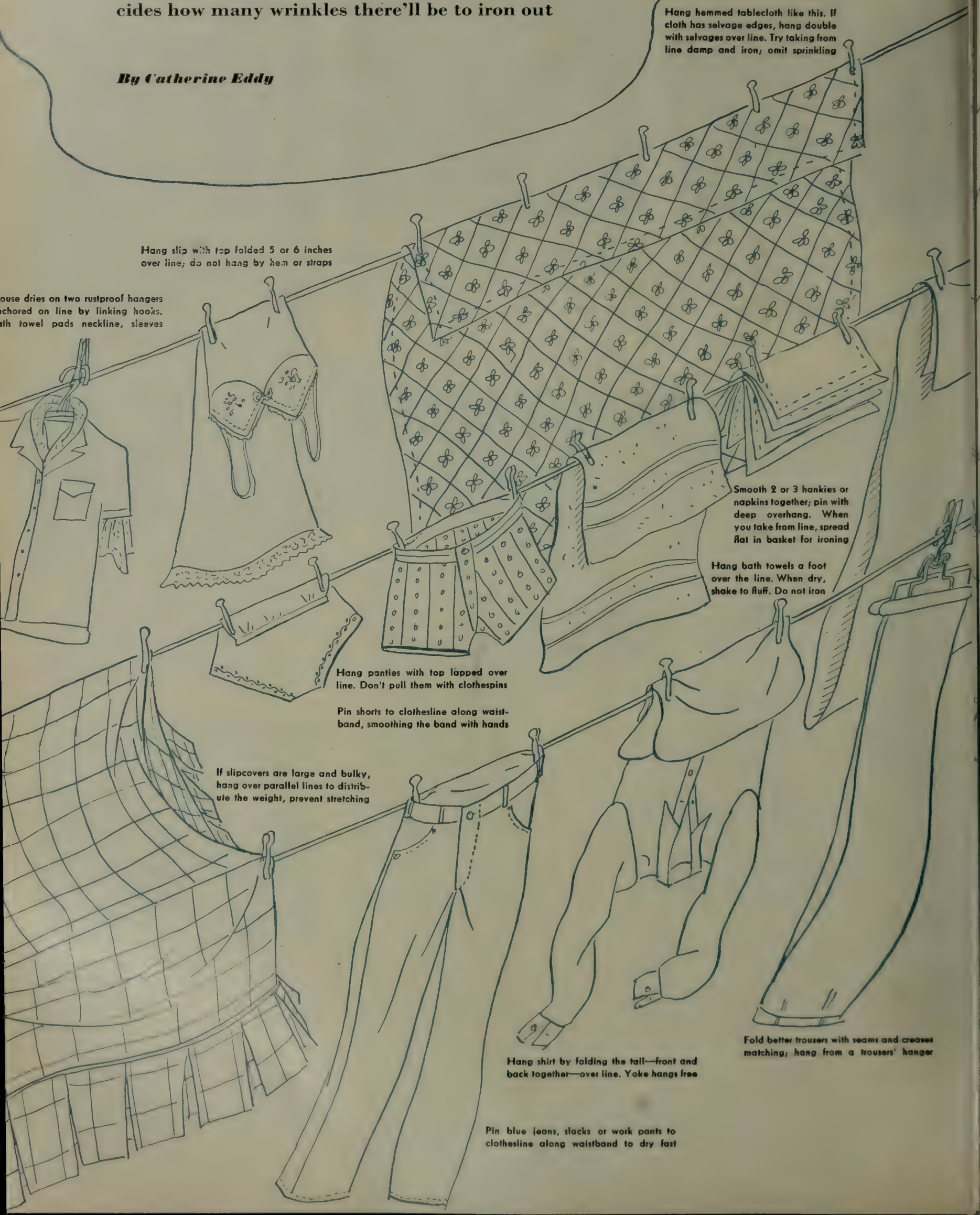


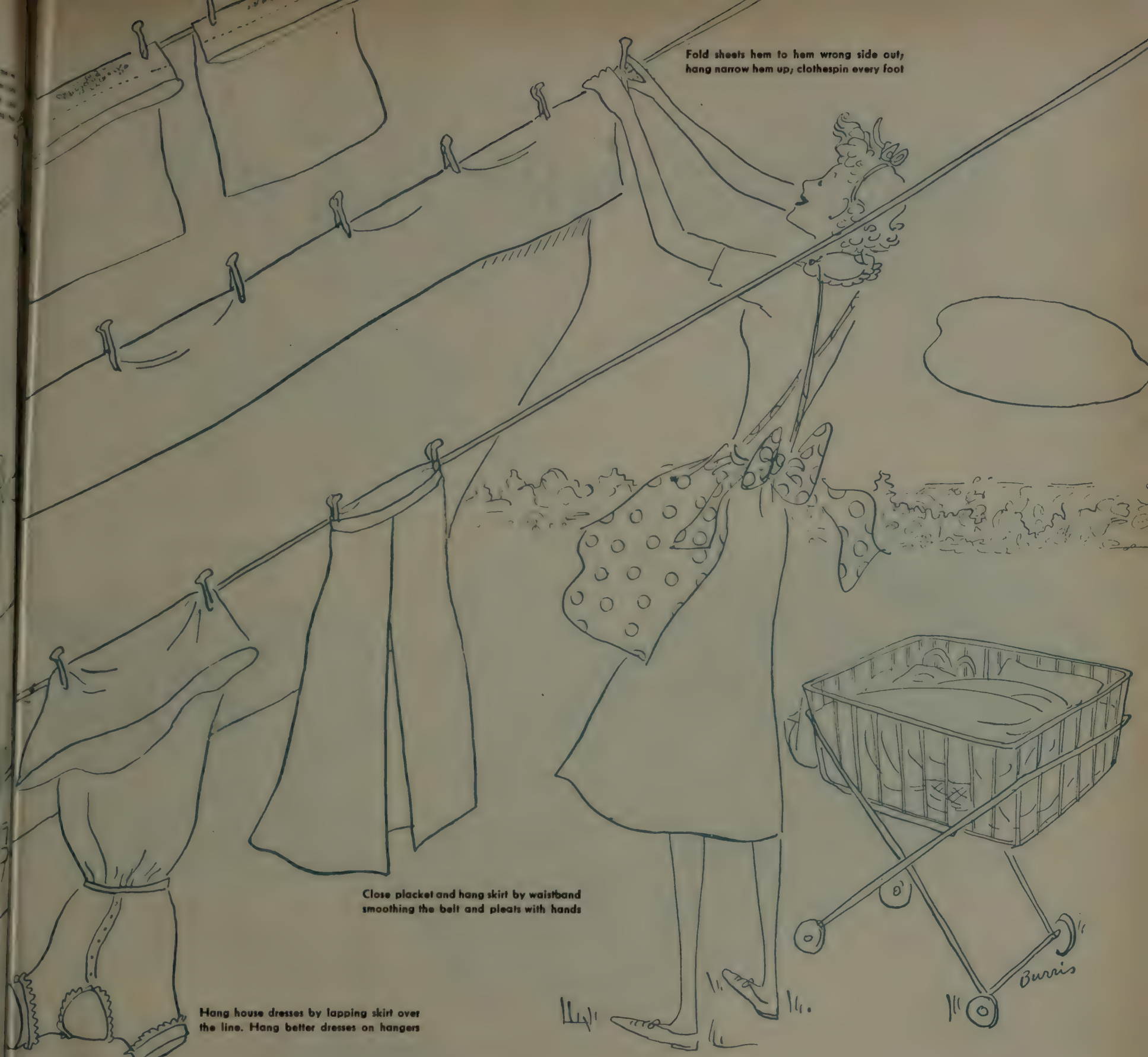
✔ **Plenty of outlets** to plug in the mixer, toaster, waffle baker? Breakfast bar, above, has a double outlet so coffee and toast can be made and served on the spot. In the mixing area have outlets for the mixer, roaster, and other plug-in appliances

✔ **Elbowroom for dishwashing?** You need a space to stack soiled dishes and to place clean ones. Here the counter at right takes stacked dishes, double sink provides washing and rinsing space, and counter at the left receives clean dishes

Does your clothesline look like ours? The way you hang and fold your clothes on washday decides how many wrinkles there'll be to iron out

By Catherine Eddy





Correct hanging means less ironing

Your ironing needn't increase in summer, even though the family washing does. Not if you sing our new words to an old tune, "This is the way you hang your clothes . . . to cut down on your ironing!"

You lucky ladies with an automatic clothes dryer can skip this article. The rest of you will find that our clothesline-hanging tips will save you hours at the ironing board. There'll be no clothesline wrinkles or clothespin peaks to iron out. And some of the clothes can by-pass the iron and go straight from the line to your closets or drawers. Correct hanging and folding will cut out ironing on sheets, towels, and underwear; will reduce ironing on seersucker, nylon, or rayon jersey garments to a quick press.

On page 93 we give you specific ways to keep cottons and rayons off your ironing board, or at least cut their ironing time in half. Here's how to handle each item in your laundry basket, from shirts to slipcovers.

Shirts

Hang as shown above. Top hangs free so wrinkles can blow out. Generous lap at bottom prevents clothespins pulling corner peaks. Ironing will be minimized if you fold shirt loosely when you sprinkle it, instead of rolling it up tightly. [*Turn to page 92*

Hamburgers—better than ever!

By Jessie Prather

Surprise seasonings and stuffings give you new burger recipes for lunch, dinner, picnic, and snacks

Everybody likes hamburger. It's equally at home in the dining room or in the back yard. You can start with freshly ground beef, or with the new canned or frozen hamburger patties. You can dress up hamburger a dozen different ways; you can broil, fry, or bake it. Here we serve hamburger on the meat platter stuffed or double-decker style; on the lunch plate baked in biscuits; on the picnic table between buns with sauces or toppers to vary it. Tricks for shaping thick and thin patties are on page 94.

Turn to page 94



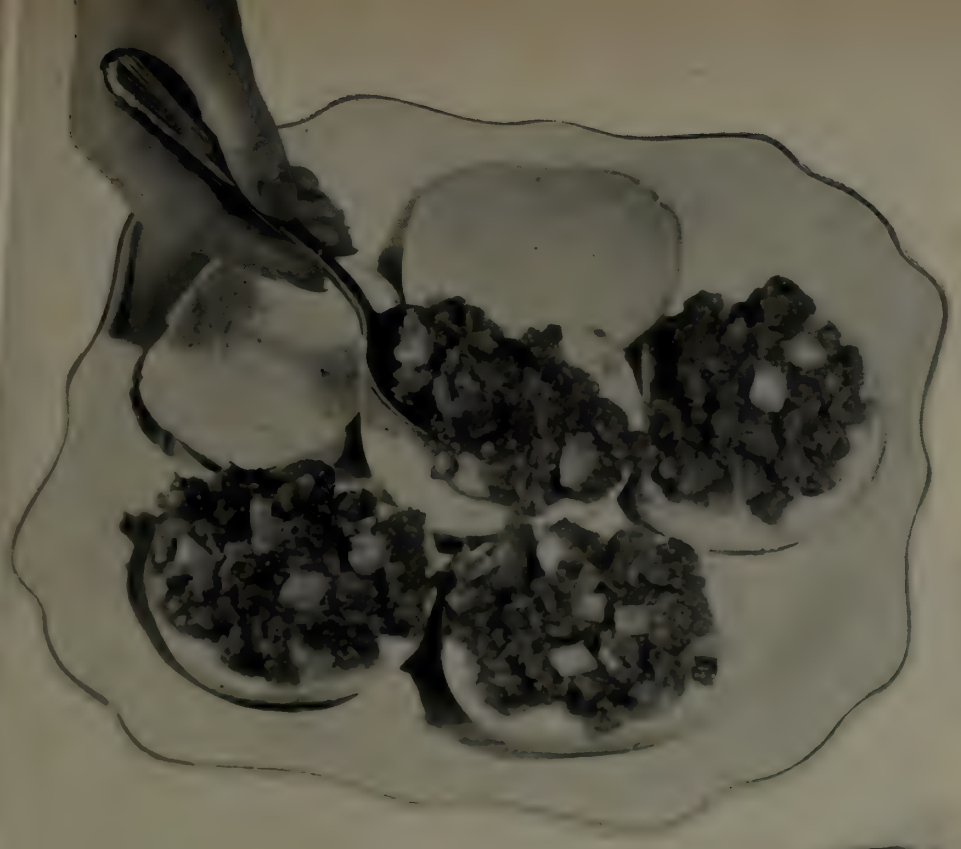


Double-decker Burgers are two stories high and as long as a Coney bun. Put two oblong patties together with finely chopped onion between; wrap with bacon slices and fasten with toothpicks. Broil and serve on toasted bun halves. Garnish platter with carrot curls and celery if you are serving for dinner



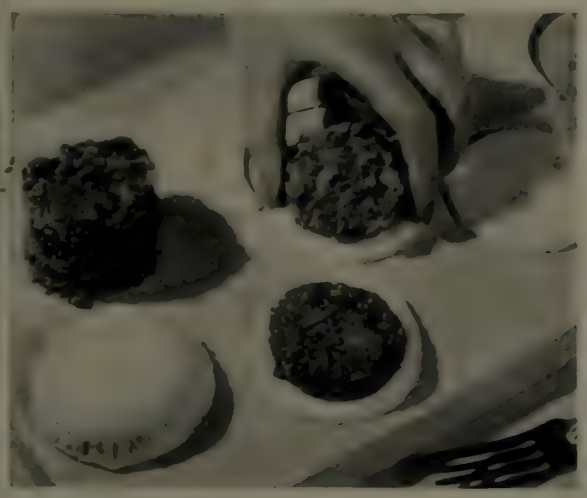
Stuffed Burgers have a spoonful of well-seasoned bread stuffing in the middle. Make the meat patties thin. Put dressing between two patties, and press edges together. Brown in hot fat, pour over diluted condensed tomato soup; simmer about 45 minutes. Here's a meat that's different and mighty good tasting, yet pleasantly easy on the budget







Barbecue Burger Mix is a skillet special that's delicious and thrifty. Chopped onion, green pepper, celery, and a barbecue sauce stretch one pound hamburger to 6 servings. Try this one on the gang for a sure-fire winner!

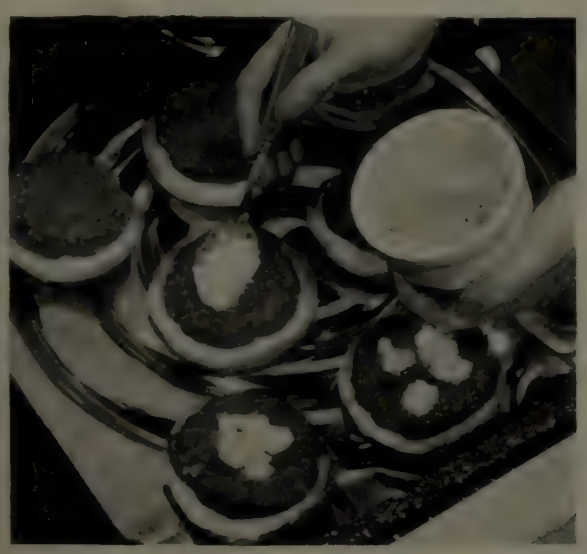


Burgers in Biscuits are easy. Open a can of hamburger patties and reach for the biscuit mix. Roll biscuit dough very thin, about ¼ inch; cut rounds 1 inch larger than meat patties. Place patties between biscuits, seal edges; bake in hot oven about 15 minutes. Serve with relish sauce; recipe on page 97



Toppers to vary basic hamburgers

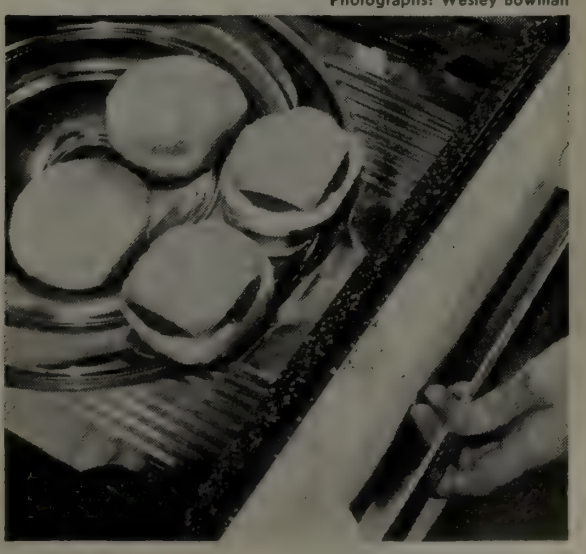
Photographs: Wesley Bowman



Blue Cheese Topper gives burgers a gourmet flavor. Broil burgers 8 to 10 minutes, turning once. Then top with mixture of ¼ cup butter or fortified margarine and 2 or 3 tablespoons crumbled Blue cheese. Broil just long enough to melt the cheese



Mushroom Soup is quick and easy sauce for hamburgers served on plates. Brown 2 teaspoons minced onion in 1 tablespoon butter; stir in can of condensed Mushroom Soup, ½ teaspoon Worcestershire sauce, and squirt of lemon juice. Heat to boiling and serve



Cheese-burgers are a national favorite. Broil burgers on bun halves about 8 to 10 minutes, turning once. Place a slice of American cheese over each, and tuck top bun halves on broiler alongside. Broil a minute; just enough to melt cheese and heat buns

Hamburger recipes, page 97

The Modern Way to be



that rates an extra kiss!

● Lucky the man who feasts on homemade jams and jellies put up by his little beloved herself. But *smart* is the wife who uses Certo. For Certo is a highly concentrated fruit pectin – the natural "jelly-ing" substance in fruits. Certo means *better* jellies and jams and *more delicious* – just 15 minutes after fruit is prepared. Over 80 recipes included with every bottle – try one *today!*





EASY! QUICK!

Simply boil the berries and sugar for one minute (see recipe for amounts). Remove from heat and stir in Certo. Stir and skim to cool, pour into glasses and paraffin. How's that for ease and speed?

4 EXTRA GLASSES!

The short-boil Certo method averages 4 extra glasses from the same amount of fruit! Saves that luscious "fresh fruit" color and flavor, too!



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Cash for casseroles and puddings

New recipe contest asks for your best casseroles and baked puddings to publish in Cooks' Round Table next January. Sender of recipe judged best will receive $10; 20 other contributors will get $3 each. All you do is write down your recipe according to the simple rules below and send it before June 30. That gives us plenty of time to test and choose recipes before next January's magazine goes to press.

Casseroles and whole-meal dishes are wanted for husky winter appetites. Does your favorite casserole feature browned hamburger, flaked chicken, some sort of sea food, or leftover meat? Is it fortified with Limas, macaroni, noodles, rice, or potatoes? Is it supplemented with vegetables, dramatized with a blend of seasonings? We want whatever casserole **your** family eats with zest and asks for more.

Baked puddings are partners to casseroles in the January recipe contest. The pudding recipe you submit may be a dressed-up bread pudding, a special brown betty, a rich date-nut pudding, a best-ever cheesecake or cottage pudding. Or you may have your own rice pudding that tastes like Grandma's, your special prune whip that's the envy of the neighborhood. Whatever your baked pudding is, if it's praised to the skies, send it in.

You have a chance to win $10 and 20 chances to win $3.

And remember, the winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement, and *six copies of the endorsed recipe.*

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it, "January Casserole" or "January Baked Puddings."
2. Print your full name and address clearly in upper right corner of recipe page.
3. Give measurements in *level* cups, tablespoons, and teaspoons, never in heaping or scant measurements.
4. Be sure to specify in your recipe the brand names of the *nationally* known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brand you use.
5. Include 50 to 100 words about the history or origin of your recipe.
6. All recipes submitted become the property of *Better Homes & Gardens.*
7. Entries must be postmarked by midnight, June 30.
8. Address the recipes you enter to 5406 Tasting-Test Kitchen, *Better Homes & Gardens,* Des Moines 3, Iowa.

This month's winners

Cook-of-the-Month winning the $10 is Marillyn Mark of Chicago. Her sparkling Red Raspberry Pie has creamy bottom layer of vanilla pudding, a jewel-bright top layer of berries and raspberry-flavored gelatine. Mrs. George A. Lorenzen wins a prize with another delectable berry pie, a fluffy pink Strawberry Chiffon.

Single-crust cherry pie earns an award for Mrs. C. J. Nelson; grated cheese gives it unique flavor. Double-crust pie honors go to Mrs. Homer James who created a spicy blueberry pie, inspired by pie she once ate at a famous Monterey restaurant.

Cool salads that gain Cooks' Round Table recognition on page 73 are Cool-as-a-Cucumber Salad, He-man Salad Bowl, Shrimp Salad Bowl, and Tossed Green Salad. For a cool frosty-looking mold, try Ann Green's molded cucumber salad. For a refreshing tossed salad, try Mrs. Janke's combination of shredded lettuce, sliced radishes, carrots, celery, tomatoes, and onions. Perfect with an outdoor-broiled steak!

When you want a salad that's fresh and zippy yet hearty, serve Mrs. Rouser's He-man Salad Bowl, concocted one summer evening in a mood of desperation and inspiration. Bits of spinach and lettuce, chopped onion, meat, and cheese are tossed with hot bacon-fat dressing. Another stick-to-the-ribs salad is Mrs. Speck's Shrimp Salad Bowl.

Names of these good cooks and others winning prizes are listed on our Honor Roll below.

Honor Roll

Mrs. Burdette Boileau, San Marino, California.
Mrs. Margaret Bownes, Berkeley Heights, New Jersey.
C. H. Gault, Cincinnati, Ohio.
Ann Green, St. Paul, Minnesota.
Ethel Heiple, Auburn, California.
Mrs. Homer James, Monterey, California.
Mrs. Henry Janke, Winfield, Kansas.
Theresa M. Lessmeister, Peru, Illinois.
Mrs. George A. Lorenzen, Council Bluffs, Iowa.
Mrs. William Lott, Milliken, Colorado.
Lillian L. McGee, San Francisco.
Mrs. H. S. Manson, Albuquerque.
Mrs. V. M. Morland, Indio, California.
Mrs. C. J. Nelson, Minneapolis.
Mrs. George E. Nichols, Marblehead, Massachusetts.
Florence Olander, Maple Plain, Minnesota.
Mrs. Don Rouser, Rhinelander, Wisconsin.
Mrs. James R. Roy, Canaseraga, New York.
Mrs. T. L. Speck, Osawatomie, Kansas.
Mrs. Glenn P. Spute, Dixon, Illinois.

SNAP!
CRACKLE!
POP!





Hear Rice Krispies!

Golden pops so crisp, they go *snap, crackle, pop* in milk! So crisp 'n' delicious! And Kellogg-Fresh! *The* most popular rice cereal...try the Regular Size!



Choose the one you love the best!
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RICE KRISPIES...just one "star" in Kellogg's VARIETY PACKAGE!

Swing your "breakfast partner" out of Kellogg's VARIETY PACKAGE! *What* a choice of favorites—from 10 generous boxes, 7 *different* cereals. In nourishing wheat, rice, corn, soya. Crisply shredded, flaked or popped! ALL KELLOGG-FRESH! Picking your *own* better breakfast is packs of fun! And KELLOGG'S VARIETY is *the* favorite assortment, because...



7 salad dressings

FROM THIS ONE LEMON RECIPE!

Jaded taste buds wake up quick when you spring one of these Sunkist salad dressings on your family!

The thing that makes these seven dressings so appetizing is that they begin with that magical ingredient, fresh lemon juice! No other ingredient gives the *subtlety and quality* of flavor that fresh lemon juice provides. And—perhaps because lemons have a freshness that only nature can give—nothing else does so much to bring out the garden freshness of greens, vegetables and fruits.

You'll like these dressings, too, because they're so easy. Start using them on your salads now, to spark up your family's interest in these health-giving foods. And don't forget—fresh lemon itself adds a lot of health to salads by contributing its own rich store of vitamins.



Sunkist French Dressing

½ cup fresh lemon juice ½ cup salad oil
1 tsp. salt 2 tbsp. sugar

Mix together. Then, with this delicious French dressing as a base, make any of the seven variations by adding ingredients as listed at right. To have salad greens extra crisp, chill them in ice water with 1 tbsp. lemon juice added. Serve salads *cold*. Add dressing just before serving.

WANT TO MAKE SALADS MORE ENTICING? VARY THE FLAVOR THESE EASY, APPETIZING WAYS:

Using ½ cup Sunkist Fren dressing as a base, create the v ation you want by adding ingr ents as follows:

1. *For Combination Vegeta Salads* (as illustrated at le Use dressing plain, or ad tsp. paprika, ½ tsp. cel seed, ½ tsp. mustard.
2. *For Green Salads and Q tered Firm Head Let* Add 2 rounded tbsp. cr bled Roquefort or B cheese. Mix thoroughly.
3. *For Fruit Salads.* Add tbsp. red jelly and 1 sieved cream cheese. (Wh ever you use apple, ba or avocado slices in a sal quick dip in lemon juice keep them from darkeni
4. *For Fish Salads.* Add 2 each finely cut water cr and cucumber. Marinate in basic French dressing well seasoned before serv
5. *For Orange, Pear, Ban Salad.* Add 1 tbsp. each f ly cut mint leaves and m schino cherries.
6. *For Waldorf or Mixed Fr Salads.* Add ¼ cup fi chopped nuts.
7. *For Orange Ambrosia Sal* Add ½ cup toasted almon shredded.

For scores of wonderful new r pes, *send for that famous Sunk Lemon Recipe Book.* Free. Wr Sunkist, Sec. 5206, Box 2706, T minal Annex, Los Angeles 54, C

Fresh California

Sunkist Lemons

Lemonade-time coming!

Yes—but what's the use of waiting? *Any time* is the right time for the most healthful refresher of them all. Here's a new work-saving way to make it:

Squeeze a dozen or more lemons. Add sugar. Stir *until dissolved.* Put in covered glass jar (not metal or porcelain) in refrigerator. Juice keeps fresh flavor for days, loses almost no vitamins. Lemonade's ready any time—just add ice and water.

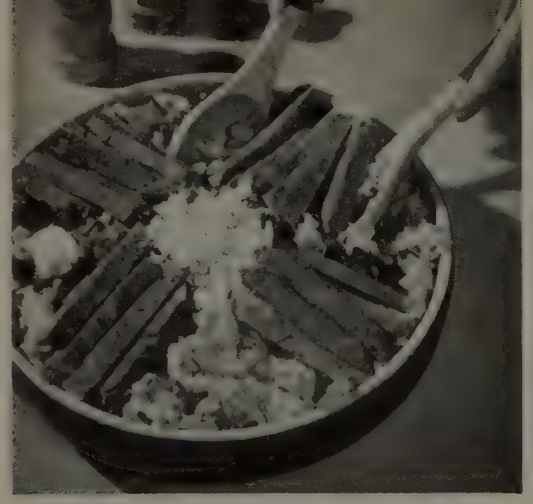
Time now for iced tea, too. Serve a generous lemon wedge with every glass.

FRESH LEMONS PROVIDE VERY SPECIAL HEALTH VALUES

Fresh lemons not only supply valuable amounts of vitamin B_1 but also rare vitamin P, and are among the *richest sources* of vitamin C. Essential for youthful energy, sound teeth and gums, vitamin C is absent from most foods, scarce in most others. *You need it daily.* Fresh lemons are *important to health.*

For the *best* lemons, get Sunkist in trademarked wrappers. Finest from 14,500 cooperating California and Arizona citrus growers.





He-Man Salad Bowl

The kind of salad they'll eat and eat—

- ½ head of lettuce
- 1 cup chopped fresh spinach
- 1 tablespoon chopped green onion
- 1 cup summer sausage, cut in strips
- 1 cup bologna, cut in strips
- 2 tablespoons crumbled Blue cheese, if desired
- 5 slices bacon, chopped
- ½ cup bacon fat
- ¼ cup vinegar
- ½ teaspoon Worcestershire sauce

Break lettuce into bite-sized pieces in salad bowl. Add spinach, onion, summer sausage, bologna, and cheese. Fry bacon until crisp. Drain on absorbent paper. Add vinegar and Worcestershire sauce to bacon fat. Pour over salad and toss lightly. Serves 6 to 8.—*Mrs. Don Rouser, Rhinelander, Wisconsin.*



Tossed Green Salad

It's the dressing that's special—makes every leaf glisten –

- ½ head of lettuce
- 2 tablespoons chopped onion
- ¼ cup sliced radishes
- 1 cup sliced carrots
- ⅓ cup chopped celery
- 2 tomatoes, cut in wedges

Combine ingredients in salad bowl. Toss lightly with **Crystal Salad Dressing:** Combine ⅓ cup vinegar, 2 tablespoons sugar, 1 teaspoon salt, and ½ teaspoon dry mustard. Heat to boiling and cook 1 minute. Cool. Stir in ¼ cup salad oil and 1 teaspoon onion juice.—*Mrs. Henry Janke, Winfield, Kansas.*



Shrimp Salad Bowl

With hot rolls, dessert, coffee, it's a meal—

- ½ head lettuce
- 4 radishes, sliced
- 2 small green onions, sliced
- 2 cups cooked fresh shrimp, or 1 7-ounce can tuna, flaked
- 2 tablespoons chopped dill pickle
- ½ cup diced celery
- 2 hard-cooked eggs, sliced
- ½ cup mayonnaise
- 2 tablespoons chili sauce
- 1 teaspoon horseradish

Break lettuce and line salad bowl. Arrange radishes, onions, shrimp, pickle, celery, and hard-cooked egg. Combine remaining ingredients; pour over salad and toss lightly. Serves 4 to 5.—*Mrs. T. L. Speck, Osawatomie, Kansas.*

Cooks' Round Table of Endorsed Recipes

RECIPES ENDORSED
BETTER HOMES & GARDENS TASTING TEST KITCHEN

Pies



Red Raspberry Pie

It only takes a pint of berries; there's a rich cream filling underneath—

- 2 cups red or black raspberries
- ¾ cup sugar
- 1 3-ounce package vanilla pudding mix
- 1 package raspberry-flavored gelatine
- 2 cups hot water
- 1 9-inch baked pastry shell

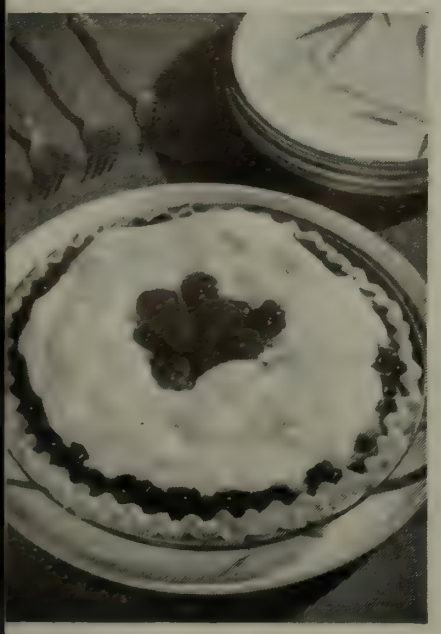
Combine berries and sugar. Let stand 30 minutes. Prepare vanilla pudding with 2 cups milk as directed on package. Cool. Dissolve gelatine in hot water. Chill until partially set. Fold in berries. Pour chilled vanilla pudding into cooled baked pastry shell. Top with fruit mixture. Chill until firm. Serve plain or with whipped cream. —*Marillynn Mark, Chicago.*



Crushed berries and whipped cream in a fluffy filling—

- 1½ cups crushed strawberries
- ¾ cup sugar
- 2 to 3 tablespoons lemon juice
- 1 tablespoon (1 envelope) unflavored gelatine
- ¼ cup cold water
- 1 cup heavy cream, whipped

Combine berries, sugar, and lemon juice; let stand 30 minutes. Soften gelatine in cold water and dissolve over hot water. Add to fruit mixture and chill until partially set. Fold in whipped cream. Pour into **Graham Cracker Crust:** Crush 12 graham crackers (1½ cups crumbs), add ⅓ cup sugar and ½ cup melted butter or shortening; mix well. Press firmly in greased 8-inch pie-pan. Chill until set. Fill.—*Mrs. George A. Lorenzen, Council Bluffs, Iowa.*

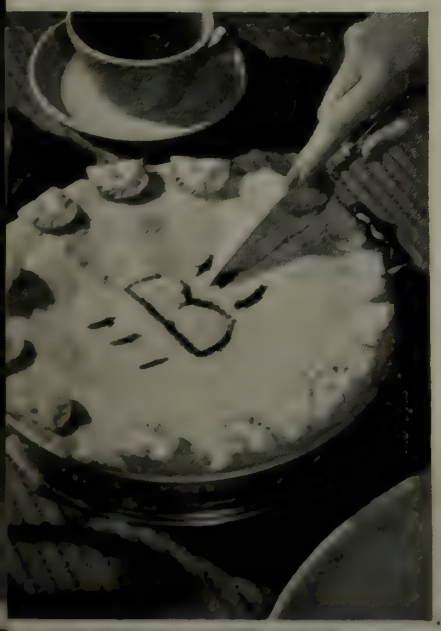


Different Cherry Pie

You don't guess the cheese, but you know the pie's wonderful!—

- ½ cup cherry juice
- ½ cup water
- 1 cup sugar
- 3 tablespoons cornstarch
- ⅛ teaspoon salt
- 2 cups pitted cherries
- 1 8-inch baked pastry shell
- ¾ cup grated American cheese

Combine juice, water, sugar, cornstarch, and salt; heat to boiling and cook until thick. Remove from heat and add cherries. Cool. Pour into cooled baked pastry shell which has been sprinkled with cheese. Chill. Serve with whipped cream. Serves 6.—*Mrs. C. J. Nelson, Minneapolis.*



Blueberry Pie

B is for blueberry with lemon and spice—

- 4 cups blueberries
- 1 cup sugar
- 2 to 3 tablespoons cornstarch
- ⅛ teaspoon salt
- ¼ teaspoon nutmeg
- ¼ teaspoon cinnamon
- 2 tablespoons lemon juice
- ¼ teaspoon grated lemon peel
- 1 recipe Plain Pastry

Combine blueberries, sugar, cornstarch, salt, spices, lemon juice, and peel. Fill 9-inch pastry-lined piepan. Adjust top crust. Bake in hot oven (450°) 10 minutes, then moderate oven (350°) 30 minutes.—*Mrs. Homer James, Monterey, California.*

Cooks' Round Table of Endorsed Recipes

RECIPES ENDORSED BETTER HOMES & GARDENS TASTING TEST KITCHEN

Salads



Cool-As-A-Cucumber Salad

Looks cool, tastes cool—delicious with a big dinner—

- 1 3-ounce package lime-flavored gelatine
- ¾ cup hot water
- ¼ cup lemon juice
- 1 teaspoon onion juice
- 1 cup heavy sour cream, whipped, or 1 cup mayonnaise
- 1 cup chopped unpeeled cucumber

Dissolve gelatine in hot water. Add lemon juice and onion juice. Chill until partially set. Fold in cream and cucumbers. Pour into 6 oiled individual molds and chill until firm. Unmold on crisp lettuce. Garnish with tomato wedges. Pass mayonnaise.—*Ann Green, St. Paul, Minnesota.*

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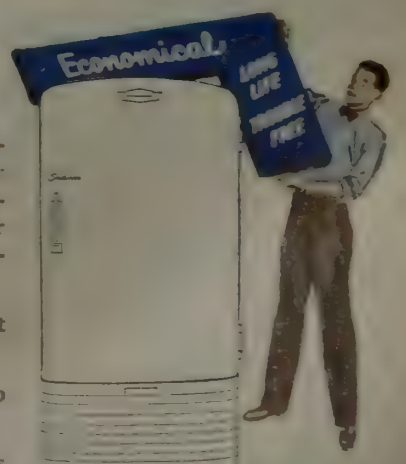
*Made only by Crosley. T.M. Reg. U. S.

Talk about convenience—you've never *seen* such modern refrigerators! Shelves that lift out easily, divide up efficiently—"crispers" that keep leafy greens fresh as a daisy . . . the ever-dry STORABIN—happiest home in the world for cereal, cracker, sugar and salt supplies. Conveniences too many to talk about! *See* them all in the new Shelvadors at leading department and furniture stores, or your near-by Crosley dealer.



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As served in this delicious combination of prunes, apple, orange and onion slices, Best Foods or Hellmann's *Real* Mayonnaise has that delicate richness of flavor that no other mayonnaise, homemade or otherwise, has ever been able to top. It's so right!

t's Good so many ways

VARY IT

Mix it with French Dressing to serve with tomatoes, carrots and cauliflower, as illustrated. No matter how you vary Best Foods or Hellmann's *Real* Mayonnaise, it's always rich . . . as only *real* mayonnaise can be. America's favorite mayonnaise contains *no starchy filler*.

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How to keep house

Here's a grab bag of ideas to make your household tasks quicker and less tedious

By Grace Ellis

Short cuts add up to happier housekeeping. The problem is to find the short cut.

Take some time, sit back, and think over your jobs. Where can you cut out time-consuming, tiring steps? Do you let your equipment, big and little, work for you? Your aim should be to spend time on the *actual job;* cut down time spent getting ready to start or putting away afterwards.

Here are 11 ideas which apply these rules. They're yours for easier, better housekeeping.



Windows, inside or out, are sparkling in no time when I let my brush, squeegee, soap, and water work for me

Don't scrub—SOAK! In many a day-after-day job suds and water, or cleaner, will work for you. Give them time. Learn *when* to apply water, then *when* to finish the wipe-up.

Don't stand and scour until the soil's ready to move. Wipe counters or cooled range with a damp cloth, then get on to something else. Come back in a few minutes and you'll discover the loosened-up spot whisks clean. *Soak* pots and pans during dinner.

Never rush a cleaning job. Soak or dampen, dovetailing the work with another job. Time spent in scouring and scrubbing may be three-fourths wasted.

You can apply this principle to cut down on time spent scrubbing linoleum floors. It used to take me the better part of half a day to scrub and wax kitchen, dining nook, and workroom. The dampen-and-wait method has cut it down to one hour actual work time.

Using a big, rectangular dry mop and a pan which it fits, I apply a thin layer of warm, *dry* suds, with 2 teaspoons of ammonia or similar cleaner in the suds, to the entire floor—no water, please, just suds. I let it relax 30 minutes and then wipe it up in clean, warm water, using the same dry mop. Two coats of non-polish wax, applied with an hour's wait in between, complete the job. I pour the wax on in thin rows, smooth it out with an applicator. Fresh newspapers always go by range and sink as spatter insurance for the first meal or two.

It was a window washer with squeegee, pail, and brush who cured me forever of rag-and-rub window washing. Now I, too, use a squeegee. With a pan of hot water plus a dash of ammonia or other cleaner, I make the rounds. The water's applied with a scrubbing brush, then removed right away with the squeegee if windows are fairly clean. Or, if soil and soot is stubborn, I wash several windows at a time, then brush over them again with clean water before using the squeegee.

"Spare" glass curtains. Two sets of glass curtains for each window is our short cut to emotionally satisfying windows. The need for fresh curtains is when days are gray, schedules harried, or the occasion festive. The best time for washing is when there's extra time and bright weather. The two don't coincide. I keep one set of curtains up till the gray day, grim week, exciting arrival. Then down with the soiled, up with the fresh. Washing waits for the right time and day. Curtains-in-waiting are stored in a closet on well-padded hangers. Such a scheme does add to your investment but it seems to multiply curtain pleasure.

...and like it



Put your home canning on a production-line basis. Flat crates make good carriers

A success? Repeat it! The same menu which served once for company dinner, club meeting, or family reunion can serve again if you file successful menus with suggestions on quantities and improvements for future reference. The best hostess of my acquaintance has a complete file of special menus she's used, from tea snacks to golf club dinners. She tackles each new event with confidence and smoothness because there's a stack of memory-refreshers within reach.

Weed out those unused recipes. It was the time I discovered 10 recipes for Candied Orange Peel in my recipe collection that I vowed to check through my recipes once a year. Any recipes not used in a year had best be kept separately so that stand-bys may be found more speedily.

Cut time on "fix-it" jobs. I have a spot on the kitchen blackboard where I list things to be fixed. When I've collected several odd jobs, the same hammer, glue, oilcan, wire, step-stool, newspaper, screwdriver, cement, and can of screws may be used. It cuts the fix-it job to a third.

For automatic washer owners. To short-cut the laundry program when you have an automatic machine, vow to save time by doing like's together. It's a temptation to put a to-be-starched shirt in with not-to-be-starched bedding, but in the long run it takes more time.

Put both hands to dusting. A cloth or mitt in only one hand wastes half your dusting power. I use two dust mitts, one on each hand, so that even the fingers gripping the chair rod are semi-effective. Two hands going at once means fast dusting. And you only need to clap your hands together to shake the dust out.

Speed for the kitchen. Since the time I once watched three women spend a happy evening cutting six bunches of celery into small pieces, stalk by stalk, I reach for a cutting board and sharp knife at sight of anything which needs to be diced or chopped. To pile, brace, and slice or chop celery or rhubarb in a bunch takes a bit of skill, but it's a skill worth learning.

A whole table can be set from one or two trays and the trips cut accordingly. If you eat in the dining room, pile directly from cupboard to tray the dishes, silver, salt and peppers. Place glasses on another tray to fill just before serving. And, finally, place food on another. Remove dishes from the table and stack on a tray, then remove tray to kitchen.

Among the slickest of canning or freezing trays are flat peach and apricot crates. Scalded jam jars go in the crate. Slide the crate to the kettle to fill the jars, then carry the filled jars to the storage room. Leave in crate until cool or move from crate to shelf.

More on page 108



Look around with a questioning eye. Would each bit of bric-a-brac, picture, and bridge prize really be missed if it were tucked away?

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Easy to fix...serves six

SPAM

'N' SCALLOPED POTATOES



3 tbsp. cooking fat • Stir in
. flour. Add salt and pepper •
1 small minced onion, 1 tbsp.
d parsley, 2 cups milk • Stir
h and cook till thickened •

SLICE thin four large boiled potatoes to layer in casserole; top with SPAM slices • Pour on sauce, sprinkle with buttered bread crumbs • **BAKE** at 375°—30 minutes. Serves 6.



A SPAM! Score, stud with cloves. th sauce: ⅓ cup brown sugar, ½ negar, 1 tsp. prepared mustard, 1 er. Bake 20 min. at 400°; baste.



SPAM DINNER. Ten minutes to fry SPAM and cook beans while potatoes bake. A bright idea for lunch or family dinner—everybody likes SPAM's pure pork flavor.



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Put it on a tray

Save yourself steps and work by loading company snacks or porch suppers on trays. Get someone to volunteer for the toting. Here are new trays and new serving ideas:



Cheese and crackers tray offers a pair of cheese spreads and two kinds of crackers. Spreader ready in crock of spread and cups of hot coffee invite hungry people to help themselves. Everyone makes his own snack

Photographs: Stanley



Coffee tray is sturdy aluminum with wooden handles, has matching creamer and sugar. Stand under coffee maker is something new: A heat-resistant glass holds a lighted candle to keep coffee hot for second cups

Where to get it, page 214

fussy about french dressing?

Miracle French was made for you! Subtle, zesty, with just a hint of garlic, it has the Parisian accent you've been looking for.



NOTE: *If you don't want even a "hint" of garlic, get* Kraft *French. It's immensely popular.*



Lap tray holds complete main course, can be carried to living room or porch. Tray has curved side that fits body and prevents teetering. Hostess fills plates, each person carries his own tray from kitchen. All that's left to do is keep coffee cups filled and serve dessert. A tray of chilled fruit and cheese wedges is easy to pass



Child's tray is painted in bright peasant colors and design. There's a pair of cocky roosters calculated to interest reluctant young appetites. Eating tray-style will make everyday food seem like party fare, especially when there's a change of eating spot



Trays in three sizes. Medium size is for dessert plate, fork, and napkin. Smallest is for hors d'oeuvres or crackers and iced tomato juice. Biggest will hold full main course. Each tray has a niche for glass or cup. Plain varnished wood blends with all colors and patterns of pottery

Flavor



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Goldilocks *and the* Three Spoons

ONCE upon a time Goldilocks was out buying her silverplate and she came to a store that showed her three spoons. One spoon was an ordinary spoon with no form of wear protection at all.

THE next spoon she saw was one of the extra-plated kinds. But the third spoon was something extra special. It had these



IT was a Holmes & Edwards Spoon... and like all the most used spoons and forks in this really finer silverplate—it was Inlaid with two blocks of Sterling Silver at the backs of bowls and handles to stay lovelier longer.

When she heard *this*, Goldilocks ran all the way home . . . *with* her beautiful new chest of Holmes & Edwards, of course!



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Insure canning success with Ball Dome Lids. To test seal, just touch DOME; if it's down, jar is sealed. No other lid has this amazing feature. In buying new jars insist on Ball, the only jars that come equipped with Dome Lids.

(*Offer in U.S. only, during 1949.)

Can you send Susie to the store?

Here are ways to teach any youngster how to become a shopper you can depend on

By Margaret Flynn

Vacation days are a good time to teach your girl or boy how to shop at the grocery store. Your youngster will have more time and interest for the project than he would during the school year. And you can time the shopping lessons to suit your convenience.

Few preschool children are able or dependable enough to run errands. But once a child has entered school, he becomes more responsible, takes better care of himself in traffic, and understands how to follow directions.

Two basic considerations underlie the learning process of going to the store—the actual *know-how*, or the technique of shopping, and the development of *self-confidence*.

Here are some helpful ideas suggested by grocers themselves:

1. Take Susie (or her brother) shopping with you several times before you expect her to go alone.

2. Show her the location of articles she is likely to get by herself later on.

3. If you buy in a self-service store, let her help you fill the order. "Susie, will you get a can of Super Corn with the green label?" or "Oh, yes, we need catsup. Please bring a bottle of the Harvest brand." She will learn the family favorites even though she can scarcely read.

4. Show her by your own actions what proper behavior is. If you have been careful in your speech and manner, she is not likely to be noisy or impudent. But if you use the touch system—pinching tomatoes or sampling grapes—she will prove an adept imitator.

5. Teach neatness and orderliness by expecting her to return undesired articles to their proper places on the shelves.

6. Show her how to get in line before the counter and stress the importance of taking her rightful turn. Respect for her elders, care for other people's property, and courteous response in conversation are traits which can be learned easily in these everyday situations.

7. Be sure the salespeople know her by name. Explain that occasionally Susie will come in alone.

8. The first time or two she goes, telephone the store beforehand and ask someone who knows her to help her. This will help Susie in her first shopping expeditions.

9. Put the money and grocery list in a little purse with a secure fastener. Although Susie may not need the list, it will be of help to the grocer or the cashier in checking the order. Do not send a large amount of money.

10. Have Susie go alone. This is especially important, grocers say. Companions are a distraction and may undo the very things you are hoping to accomplish.

11. A little treat waiting at home will discourage loitering en route and will tend to keep her attention on the job in hand. Also, there will be less temptation to spend some of the grocery money on herself.

12. Do not expect Susie to carry heavy, large, or fragile articles successfully. If breakage or loss results, it may discourage her, shatter her confidence.

13. Finally, educate her gradually to standards of quality in foodstuffs, such as *firm* vegetables, *crisp* leafy greens, and *ripeness* in fruit. As she grows older, she can learn measurements of quantity—the various sized cans, fractions of pounds, liquid and dry measures. Still later, teach the fundamentals of comparative shopping. These lessons in intelligent marketing will stay with your child through life.

A Better Homes & Gardens child care and training feature



Perfect for outings, motor trips, picnics. No wonder America loves them! Always fresh, crisp in the blue vacuum can.

This PLANTERS product is also made in Toronto, and sold everywhere in Canada.

PLANTERS is the word for PEANUTS

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Better Homes and Gardens

How to get fine beef every time...





Martha Logan

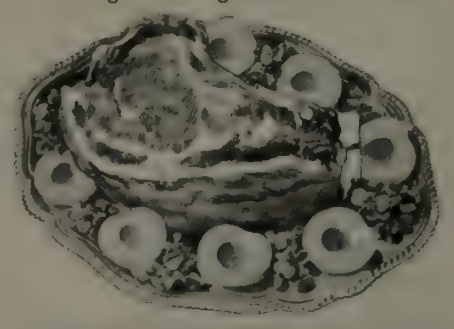
Swift's Home Economist, tells you

HOW TO MAKE THE MOST OF A ROAST



BUY YOUR STANDING RIB ROAST a day or two before you plan to use it. Have your meat dealer remove the short ribs and cut into 3″ pieces. Store the roast, lightly covered, in the refrigerator and serve the short ribs for a first night family treat.

BRAISED SHORT RIBS with vegetables: Season ribs; brown in hot fat. Add a little water; cover; cook slowly or bake in mod. oven (350°F.) 1½ to 2 hrs. Add salted vegetables—small onions, quartered carrots and potatoes—and more liquid, a little at a time, as needed. Cover; continue cooking until vegetables are tender.



PERFECT ROAST BEEF takes smart buying (a Swift brand name is your best guide) *and* careful cooking. This way reduces shrinkage, preserves juices and flavor: Place standing rib roast fat side up in an open pan. Bake in slow oven (325°F.). A 6 to 8 lb. roast takes about 22 min. per lb. for rare, 26 min. for med., 33 min. for well done. Spiced peach halves are an attractive, good-to-eat garnish.

YOU CAN COUNT ON COMPLIMENTS when you serve Swift's Branded Beef. For beef that carries a Swift brand name is the kind you always hope for—deliciously tender and juicy, perfectly marvelous tasting. As for selecting it . . . *that's* no problem. You simply look for a Swift brand name *right on the meat.* "Swift's Premium", "Swift's Select", "Swift's Arrow"—those are the three top brands. Buy by those brands and you will *always* get finer beef—beef your family will enjoy right down to the last tasty left-over.



Just look for a Swift brand:

SWIFT'S PREMIUM, SWIFT'S SELECT or SWIFT'S ARROW

right on the meat!



There's
5-way nourishment in all the
good things made from
ENRICHED BREAD and FLOUR

outh-watering fruit and nut and cinnamon breads, golden pan-
kes and waffles, biscuits and muffins hot from the oven . . . if
ey're enriched, they're all thrifty, taste-tempting sources of
way nourishment. This *6-way nourishment* helps keep you looking
d feeling your best. So always buy "Enriched" flour . . . ask your
ker or grocer if the baked foods he sells are enriched . . . in buy-
g white bread be sure the wrapper says "Enriched".

"IS BREAD FATTENING?"

t a bit more so than any other food of equal energy content.
utritionists point out that the carbohydrates of bread are
adily converted into energy to be used by the body as needed.

. 1949 by Wheat Flour Institute, 309 W. Jackson Blvd., Chicago 6, Ill.

WHEAT FLOUR INSTITUTE



How to make strawberry jam

If you want strawberry jam—the crushed berries full-flavored, a treat on toast—follow the pictures



1 Crush 2 quarts fully ripe, washed, stemmed berries with potato masher. Crush a layer at a time as shown in picture at left

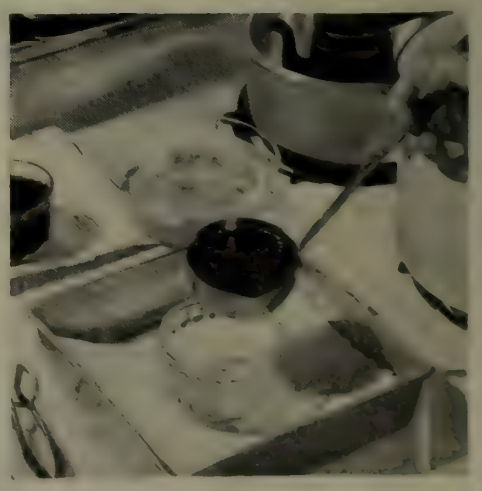






2 Measure 4 cups of the crushed fruit into saucepan. Add 7 cups sugar; mix well. Heat to full rolling boil; boil 1 minute

3 Stir in ½ bottle fruit pectin. Remove pan from heat. Stir jam and skim for 5 minutes to cool. Have jelly glasses sterilized, ready to fill—see below



4 Ladle hot jam into hot, sterilized glasses. Seal with paraffin. Next winter turn jam out in your prettiest crystal dish, have it on hot toast for breakfast, or fresh rolls for Sunday dinner

For Strawberry Preserves, see page 182

Can't beat it for a broiler Bar-B-Q

– the friendly, sunny flavor of Del Monte pineapple

Sure—you can have a dandy barbecue indoors, when it features flavor as bright as this! DEL MONTE Brand Pineapple is so gloriously rich—so refreshingly tart-sweet—it makes any meal something special.

And you can count on that sunny flavor from any member of the DEL MONTE Pineapple family—whether it's tender *Sliced*, handy *Crushed*, golden *Chunks*, or sparkling *Juice*. DEL MONTE always uses only full-ripe pineapples—fast-packs them, with typical DEL MONTE care, to capture all their tempting tropic goodness.

So choose the style to meet your need—then make DEL MONTE your brand—*for flavor!*



TROPIC BAR-B-BURGERS

Boil down **1 cup syrup from DEL MONTE Sliced Pineapple** to ½ volume. Stir in **¼ cup DEL MONTE Chili Sauce, 2 tbsps. sliced green onions** and **¼ tsp. Worcestershire sauce.** Shape **1 lb. hamburger** into 4 triangular patties, pressing centers thin and leaving edges about ¾" thick. Brown patties in broiler on one side; turn; press in centers with spoon. Place **4 DEL MONTE Pineapple slices** in broiler; baste with drippings. Just before patties and pineapple are done, place **tomato wedges** in patties, spoon sauce over them, and finish broiling.

You can enjoy all these delicious styles, too—

JUICE: Natural, tempting refreshment

CHUNKS: Luscious, easy-to-eat wedges

CRUSHED: Golden and juicy—extra-handy



One more good food from the brand that puts **FLAVOR FIRST**

Del Monte PINEAPPLE

SLICED • CRUSHED • CHUNKS • JUICE



For that zippy flavor husbands love!



Add Colman's Mustard to your favorite salad dressing

Easy, quick way to add wonderful new flavor to prepared salad dressing

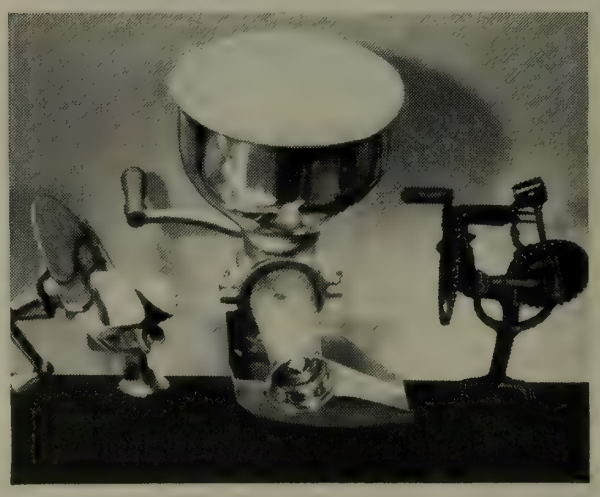
Blend 2 teaspoonfuls of Colman's (dry) Mustard with a little water. Then add it to an 8-ounce jar of your favorite prepared mayonnaise or French dressing. Try it tonight on a crisp green salad. Your husband will love it!

THE FAMOUS DRY MUSTARD USED BY FINE COOKS EVERYWHERE

Freezing's easier with good equipment



For a quick, neat freezing job. 1. Funnels for filling packages. One has metal frame to hold cellophane bags open. 2. Controlled temperature heat-sealers: curling-iron-type crimper; clamp type. (Electric hand iron may be used, but heat-sealing may soil soleplate.) 3. Measuring cup for syrups. 4. Large spoons, perforated ladle, scoop. 5. Labeling pencils: top, china-marking pencils; center, flannel-point pen; bottom, crayon pencil



Vegetable slicer has adjustable slicing slots to give just the thickness you want. **Juicer-pureer** ejects skin and seeds through opening at front. Juice or puree is forced through sieve; flows down trough. **Apple and peach peeler** turns fruit against sharp cutting blade



Three-piece freezing set makes quick work of cutting fruits and vegetables into lengths from 1 to 6 inches

New aids, old stand-bys in packaging and utensils make freezing quicker and better this year than ever before

By Lucy Long and Donald K. Tressler

Here's a roundup of equipment and containers that will make your freezing an even speedier operation than usual. Watch for these aids in the housewares sections of department stores. Often a locker plant stocks, or will order for you, all kinds of freezing equipment.

These are musts for freezing preparation:

A good paring knife
A sturdy, sharp-bladed butcher knife
A large, deep pan for washing fruits and for chilling blanched vegetables
Set of bowls in graduated sizes
Medium to large spoons
A marked measuring cup.

These are musts for proper blanching:

A 4- to 5-quart kettle with tight lid
A colander or mesh wire basket to hold vegetables being blanched. For steam-blanching you'll need basket with a handle that fits inside kettle with the lid in place.

More on page 86

"Let's have Sandwiches

...WITH THAT FRENCH'S FLAVOR!



French's Mustard is Smoother, Creamier—

MILLIONS PREFER ITS FINER FLAVOR!

Double or triple decker? Set out this trayful of delectable "fixings" and let everyone have the fun of making his own favorite sandwich. And to be *sure* your sandwich tray's a hit, serve plenty of French's—the smooth delicious mustard that brings out *all* the superb flavor of meat, cheese or fish. French's blends in perfectly—it's made of the finest spices and mustard seed money can buy!

Largest selling prepared mustard in the U.S.A. today

ALSO MADE IN CANADA



FREE! Hot Dan's new Recipe Book in full color . . . "Dining Delights"

Send coupon to The R. T. French Company, 1529 Mustard Street, Rochester 9, N. Y.

*Name*_____

*Address*_____

Read these letters—

Sirs:

using your new Swans Down Instant Mix for all my cakes these days, and I o say it is "*the*" finest product of its n the market today. It is definitely a made" cake in a package.

Mrs. Delbert Boostrom,
Victoria, Ill.

'homemade" quality in Swans Down Cake Mix comes from using ingredi- s fine as you'd use yourself, Mrs. om. Egg whites that taste farm-fresh, ed by an exclusive process. Long-keep- -vegetable shortening. Delicate, home- avoring. And most important of all, Down Cake Flour.

irs:

Felt I should write you a note to tell w much I like your Swans Down In- Cake Mix.

d used two boxes and baked a big o take to a reunion. Everyone raved about my wonderful cake, and a lot of women came to me for the recipe. It sure didn't take me long, as I said to them, "Just go to the store and buy two boxes of Swans Down Instant Cake Mix."

Mrs. Glenn B. Barner,
Lemoyne, Pa.

We hope, Mrs. Barner, that your friends won't all start using two boxes at a time. We have a hard time keeping stores stocked!

Dear Sirs:

I am a mother with two children and one is just a baby. So you see, it's hard to make cakes the old way, as it takes away valuable time. But now it's 1-2-3 and you have a cake, and I must say it's even better than one can make herself.

Mrs. John Yanuzzi,
Cleveland, O.

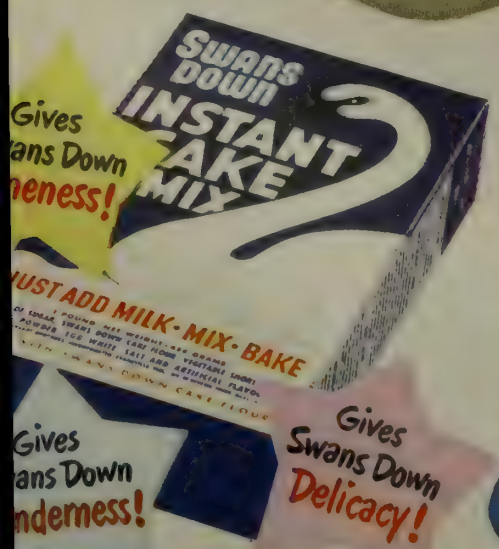
When you say it beats your own, Mrs. Yanuzzi, you're in good company—a lot of prize-winning cakemakers say the same.

lere there ever such aves about a mix?



1 box Swans Down Instant Cake Mix
1 cup milk

For glorious white cake, add ½ cup milk to contents of box, blend, beat 1 minute. Add remaining milk, beat 2 minutes. Bake, following package directions. **For other delicious variations, see recipes in box.**



• **The only cake mix made with Swans Down Cake Flour**

Swans Down Instant Cake Mix

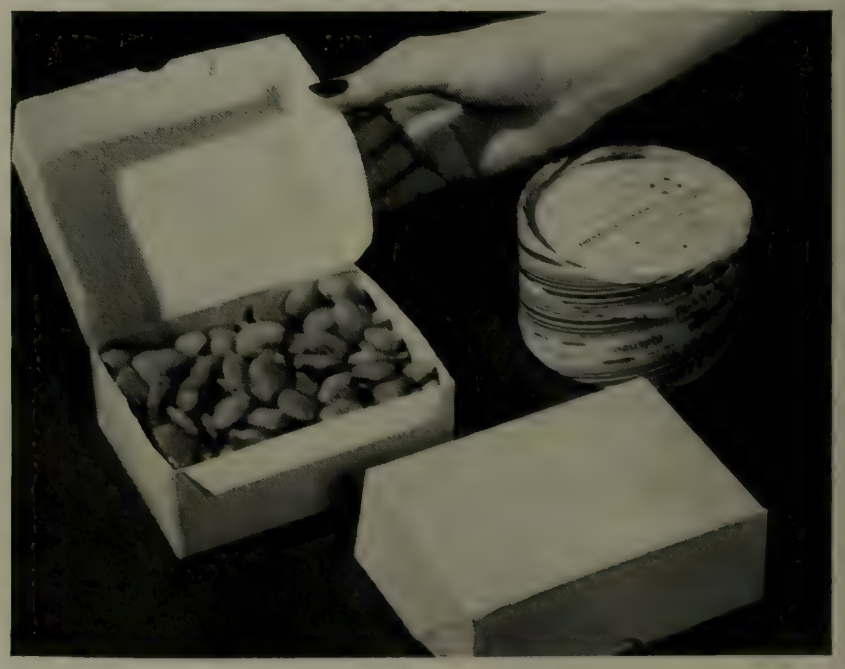
New freezing packages



End-opening containers come in large and small sizes. Inside each are Pliofilm, plastic, or cellophane bags to protect contents. You fill the inner bag with blanched vegetable, heat-seal it, and fold as shown



Flat, tray-type package is made of lightweight aluminum. Lid is crimped on by holding wood sealing block in recessed top while running a crimper around edge as shown. To open, you pull on tab at one end of lid



Cellophane bag has been sealed on the inside of the folding container to protect the Lima beans. Cylindrical package, right, with the fit-on lid is specially lined to keep moisture and vapors where they belong

Begins on page 84



Transparent plastic container, lower left, and plastic lid of heavily waxed carton show contents. To re-use, wash them in lukewarm, soapy water. Strawberries, frozen with stems on, will be used for garnishes



Wide-mouthed, straight-sided glass jars are well adapted to freezing. Whole strawberries are frozen in glass jars in a heavy sugar syrup. When the time comes to use the strawberries, they'll be easy to remove



Heavy aluminum foil makes an excellent wrapping for unevenly shaped foods. This ham, already baked, will go into the freezer for a future dinner-in-a-hurry. Make double-fold closure for the most effective seal

More on next page

You have to coax 'em to finish their salads?





They'll be coaxing you for "seconds"...with

Save the pint and quart jars for canning!

THE ONE AND ONLY

Miracle Whip



JUST-RIGHT ASPIC

Not too sharp, not too bland . . . just exactly *right.* That goes for the salad *and* the salad dressing when you serve this tomato aspic with famous Miracle Whip. Made by a secret recipe, Miracle Whip *combines* the qualities of zesty boiled dressing and fine mayonnaise. It's the most popular salad dressing ever created!

2 tbsps. gelatin
4 cups tomato juice
2 tbsps. lemon juice
1 tsp. minced onion
Salt, pepper
½ tsp. Worcestershire Sauce
Leaf lettuce
Miracle Whip Salad Dressing

Soften gelatin in ½ cup cold tomato juice. Dissolve it in 3½ cups boiling tomato juice. Cool. Add lemon juice, onion, Worcestershire, and salt and pepper to taste. Pour into individual molds; chill until firm. Unmold on lettuce and serve with Miracle Whip.



America's favorite!

Miracle Whip out-sells the next 20 salad dressings combined!

ot Diqqety Dawq!



KINGAN'S New Skinless WIENERS!

ood news! Now you can buy Kingan's
icy Skinless Wieners, made of
ef and pork, with all their flavor-
eshness sealed in the can.
mple to fix, simply delicious.
st simmer in their own liquor for
n minutes and serve with heated rolls,
lit and spread with mustard.
our family will love 'em!
eep a few cans on hand for good eating.



Corned Beef Hash
K-P Luncheon Meat
Spaghetti and Meat
Beef Stew
Vienna Sausages
Liver Spread
Potted Meats
Lunch Tongue
Chili Con Carne
Hamburger Patties
Beef with Gravy
Pork with Gravy
Pork Sausages
Picnic Spread
Skinless Wieners
Pork Brains

Backed by over 100 years of Reliable Meat Processing

New freezing packages

Continued from preceding page



Pliofilm, a rubber derivative which won't become brittle at low temperatures, is used here to wrap a chicken. It is pliable and elastic which means that Pliofilm can be drawn tightly around irregular shapes



Tubular stockinette goes over plastic wrapping. Tie both ends of stockinette tightly so that wrapping will be held close to chicken. This type of packaging is good for freezing meats or other odd-shaped foods

What to look for in a freezing package

1. Is it moistureproof-vaporproof? This means that no air or vapors from inside the package can get out, and vice versa. If the package doesn't meet this requirement, there may be off-odors, lack of flavor, and the food may dry out. The best materials are glass; aluminum foil; tin or other metals; moistureproof cellophane, rubber, or plastic; heavily waxed paperboard; and heavily coated vegetable parchment paper. Sometimes, when a paper is not sufficiently moistureproof-vaporproof itself, it will be fused to another material, such as cellophane. Ordinary ice cream containers should be used only for ice cream.

2. Is it easy to use? The package should be simple to fill or wrap. When you're ready to use the frozen food, it should be easy to remove the wrapping. A good-sized top opening makes filling easier. A straight-sided container simplifies removal. [*Turn to page 90*



DRY-HANDS DISHWASHING! It's *easy* with a new automatic Gas water-heater! For Gas provides the HOT hot water a new do-everything dishwasher *must* have for sparkling *germ-free* results. Is so flexible and exact you can get any temperature you want for *any* use—instantly, accurately, automatically!

"NO WORK" CLOTHES WASHING! New automatic Gas water-heaters are *3 times faster* than any other all-automatic system. Give you 60 gallons of hot water needed for an automatic laundry to soak, scrub and rinse 27 pounds of clothes (average weekly wash) and still leave a full tank for every other use in the house!

Now! a million dollars' worth of convenience — for a few cents a day!



SHOWERS BY THE HOUR—any hour—day or night! And with a new automatic Gas water-heater there's no waiting, no lighting, no need to worry about the rest of the family!



FINGERTIP TEMPERATURE CONTROL. Now you can get even hotter water when you need it! Just turn the snap-action thermostat and your Gas water-heater responds immediately!



SAFE — CLEAN — SUPER-INSULATED. Complete 3-way safety controls! New extra-heavy heat-saving insulation! New streamlined design for shining cleanliness, lasting beauty!



365-DAYS-A-YEAR SERVICE. A new Gas water-heater never leaves you high-and-dry due to *slow* fuel deliveries, *slow* reheating power or sudden storms!



A MONTH OF SHAVES FOR 6¢. Any way you look at it—a new Gas water-heater is cheaper to run, buy and install than any other 100% automatic heater!

LOOK FOR THIS "COURT OF FLAME" Gold Seal before you buy. It's the *symbol-of-quality* in automatic Gas water-heaters! But remember—*size* is important, too. Ask your Gas company, merchant plumber or appliance dealer to recommend the right size for all your needs both *today and tomorrow!*

AMERICAN GAS ASSOCIATION

for hot water magic GAS has got it!



Peg paid too much for window cleaners
She bought at the store



Until she found that WINDEX SPRAY
Cost 15¢—no more!



It gets her windows sparkling clean!
Her mirrors shine like new!



You *spray* it on—you wipe it off—
That's all you have to do!



WINDEX leaves no oily film,
It never has to dry!



It's made *especially* for glass!
There is no better buy!



So why pay out *four times* the price
(It's much too much to pay!)



When nothing could be finer than
That handy WINDEX SPRAY!

Copr. 1949, by The Drackett Co.

Why pay high prices for window cleaners? Windex is only 15¢! And nothing beats it for cleaning glass because it's made *especially* for glass! Windex leaves no oily, waxy film, no streaks, no dust. Insist on Windex every time!

Get Brighter Windows Quicker with—

WINDEX®
Spray

Costs only 15¢—even thriftier in the big 20-ounce size.

New freezing packages

Continued from page 88

3. Will packages stack well in freezer? If they do, there is less danger of the packages falling. Also, the contents can be classified by stacks, making the food easier to find.

4. Does it make maximum use of freezer space? About twice as many rectangular or square containers will fit into a given space as round containers. If your freezer is small, this will be an important consideration.

Freezing summer's first fruits and vegetables

Strawberries

Sparkle and Vanrouge are two new and excellent varieties especially developed for freezing. They have a deep red color, pronounced flavor.

1. Pick fully ripe but firm sweet berries uniformly red throughout.
2. Wash in water containing plenty of ice; wash before stemming to prevent loss of juice.
3. Combine stemming, sorting, and slicing operations, slicing berries ⅜ inch thick lengthwise to show shape of berry. Work with about 4 or 5 pounds of fruit at a time.
4. To this amount of fruit, add 1 pound granulated sugar.
5. Stir together gently until enough juice is drawn from slices, partly dissolving sugar and forming a natural syrup to cover slices.
6. Fill freezing containers, allowing ½ to ¾ inch headspace for freezing expansion. Close package; label with contents, date. Freeze.

Note: Whole strawberries with syrup is an alternate method. Instead of slicing berries, as in Step 3 above, fill freezing containers with whole berries to within ¾ inch of top and cover with ½ to ¾ cup heavy syrup (amount depending upon size of berries). Prepare syrup by mixing 4 cups extra-sweet corn syrup with 1 cup cold water, or by dissolving 3½ cups granulated sugar per pint of hot water and allowing to cool before using.

Rhubarb

1. Choose fully ripe, well-colored stalks.
2. Wash in cold water.
3. Cut in 1-inch lengths.
4. Fill freezing containers full, close, freeze.

Note: Cut-up rhubarb may be water-blanched for 90 seconds and then frozen, or the sweetened sauce cooked and cooled, then frozen.

Asparagus

1. Cut 2 inches below ground when stalks are 6 to 8 inches high. Prepare immediately for freezer.
2. Wash asparagus in running cold water. Scrub base of stalks with stiff vegetable brush to remove soil particles under scales.
3. Separate stalks into small and large for blanching purposes.
4. Cut up stalks prior to blanching: *whole spears* from tips of stalks, cutting tips to fit length of freezing package; *1-inch lengths* from mid-section of stalks for cut-up vegetable; *remainder near base*, except white woody end, into pieces and pressure-cook for soup base.
5. Blanching by steam saves more flavor and nutrients in asparagus. Steam-blanch small stalks (tips or cut up) 3½ minutes; large stalks, 4½ minutes. If you prefer, water-blanch small stalks 3 minutes; large stalks, 4 minutes.
6. Chill 3 to 5 minutes in cold running water, drain for a few seconds.
7. A top-opening, flat, rectangular package is best for packaging whole spears. Any type of vegetable freezing carton is suitable for cut-up vegetable.

Spinach

A more tender spinach is usually obtained in spring than in the fall.

1. Cut when leaves are young and tender.
2. Wash thoroughly in cold running water to rid leaves of soil.
3. Steam-blanching is not suited to greens since leaves mat together. So water-blanch about 1 pound at a time for 2½ minutes, moving basket or colander up and down in boiling water constantly to prevent matting and assure uniform blanching. Clock blanching time only from time water resumes boiling *after* vegetables have been immersed.
4. Chill immediately in running cold water for at least 5 minutes.
5. Squeeze out excess moisture.
6. Package in any type of vegetable freezing container.

Peas

Thomas Laxton is the best variety for freezing. Freezonian is a new variety which is recommended in regions where Thomas Laxton may be difficult to grow. However, any deep green, large-seeded home-garden variety will give a good frozen product.

1. Do not freeze old, starchy peas. Tender, slightly immature ones are better for the freezer.
2. Pod 4 or 5 pounds at a time; do not wash after podding.
3. Water-blanch about 1 pound at a time. The time depends on the size of pea. Blanch small peas for 45 seconds; large peas, 60 seconds. If you prefer to steam-blanch the peas, small peas will take 90 seconds; large peas, 2 minutes.
4. Chill immediately in cold running water 3 minutes. Drain.
5. Fill any type of vegetable freezing container full, close package, label. Freeze immediately.

KE DISCOVERY OF THE CENTURY!



Betty Crocker's Amazing

EPPERMINT CHIP Chiffon

served with Ice Cream



No other type cake equals Chiffon for Flavor, Height, Texture and Delicacy!

- **Light as Angel Food** . . . rich *As Butter Cake* . . . Chiffon is the world's most delicious cake! Easier and quicker to "whip up" than ordinary cakes, too.
- **Stays Moist and Fresh** much *Longer!* Chiffon cake, made with an oil shortening, can provide dessert servings for an entire week when properly stored. It can be served in more ways than any other type cake!
- **Made With Gold Medal**—the *Perfect All-Purpose Flour!* Gold Medal Flour is *strong* enough to produce wonderful bread and yeast rolls . . . yet *mellow* enough to produce tender pastries, light fluffy biscuits, and full volume glamour cakes like Chiffon!

Over 1½ Million Tests made *annually*, during the selection, blending and milling of the wheat, and in actual home-proving of Betty Crocker recipes!

No wonder Gold Medal gives you uniformly high quality—and uniformly good results. No wonder GOLD MEDAL "*Kitchen-tested*" Enriched Flour is America's favorite, nearly 2 to 1! It's the one flour for *all* your baking needs.

General Mills

"Betty Crocker" and "*Kitchen-tested*" are registered trade-marks of General Mills.

Quick, Easy 1-2-3 Method!

BETTY CROCKER

Peppermint Chip Chiffon Cak

MAKE ONLY WITH *GOLD MEDAL*

Preheat oven (see pan sizes and corresponding temperatu below).

Sift an ample amount of *GOLD MEDAL "Kitchen-teste* Enriched Flour onto a square of paper. This is an exclus Betty Crocker recipe *developed for GOLD MEDAL Fl alone.* Don't risk a failure by using any other flour.

STEP 1

Measure (level measurements throughout) and **sift** together into mixing bowl
- **2 cups *sifted* GOLD MED "*Kitchen-tested*" Enrich Flour (spoon lightly into c don't pack)**
- **1½ cups sugar**
- ***3 tsp. baking powder**
- ***1 tsp. salt**

Make a well and add in order
- **½ cup cooking (salad) oil such Wesson or Mazola**
- **7 unbeaten egg yolks (mediu sized)**
- **¾ cup cold water**
- ****1 tsp. peppermint extract**

Beat with spoon until *smooth.*

STEP 2

Measure into *large* mixing bowl
- **1 cup egg whites (7 or 8)**
- **½ tsp. cream of tartar**

Whip until whites form *very stiff* peaks (picture 1). Th should be much stiffer than for angel food or mering DO NOT UNDERBEAT.

STEP 3

Pour egg yolk mixture gradually over whipped egg whites *gently* folding (picture 2) with rubber scraper *just* un blended. DO NOT STIR.

Sprinkle over top of batter: ½ tsp. red food coloring. FOL in with only 3 or 4 strokes to streak through batter, but n enough to blend completely.

Pour into *ungreased* pan immediately. Use 10-in. tube pa 4-in. deep. Bake *55 min.* in *slow moderate oven* (325 then increase to *moderate oven* (350°) for *10 to 15 min.,* until top springs back when *lightly* touched.

Note: This recipe may also be baked in a 9x13x2-in. oblo pan. Bake 45 to 50 min. at 350° (mod.). (Other Chiff Cake recipes packed in Gold Medal sacks.)

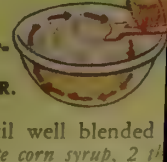
Immediately turn pan upside down, placing tube part ov neck of funnel or bottle, or resting edges of oblong p on 2 other pans. Let hang, free of table, until cold. Loos from sides and tube with spatula. Turn pan over and l edge sharply on table to loosen. 16 to 20 Servings.

*If you use GOLD MEDAL *Self-Rising* Flour (sold in pa of the South), omit baking powder and salt.

**Be sure to use peppermint extract as oil of peppermint much stronger.



1. Whites must form VERY STIFF peaks.



2. Fold down-over-up-over. DON'T STIR.

CANDY MOUNTAIN ICING. Stir until well blended small saucepan ½ *cup sugar,* ¼ *cup white corn syrup, 2 t water.* Boil rapidly until mixture spins a 6 to 8-in. thre (242°). When mixture begins to boil, start beating 2 *whites.* Beat until stiff enough to hold a peak. Pour syrup slowly in a thin steady stream into beaten egg whit beating constantly with electric or rotary beater until m ture stands in *very stiff* peaks. Blend in ⅓ *cup* [illegible] *peppermint candy* (*1 stick*).

If you live at an altitude over 2,500 ft., write Betty C General Mills, Minneapolis, Minn., for recipe adjustm Specify recipe wanted.

CONVENIENT SIZES 2-lb. apartment size sack; al in 5-lb., 10-lb., 25-lb., 50-lb. and 100-lb. sac



"Girls, it's my turn for Lunch!"

Tomato aspic
Cream cheese
Cucumber-and-lime aspic
RITZ CRACKERS

Cater to the girls with a *salad*...but make it look like a "creation" —taste like a dream! Try this showy "Party Ribbon Loaf," brightened with RITZ CRACKERS. Mold aspics and cream cheese in a loaf pan, congealing one layer at a time Garnish and slice—serve with crisp 'n' tangy RITZ CRACKERS *What* a conversation-piece—and RITZ CRACKERS are the making of it! So gladdening to the flavor—so delectable in themselves! *Whenever* you serve RITZ CRACKERS to guests—they'll wish "next time" were your turn, too!

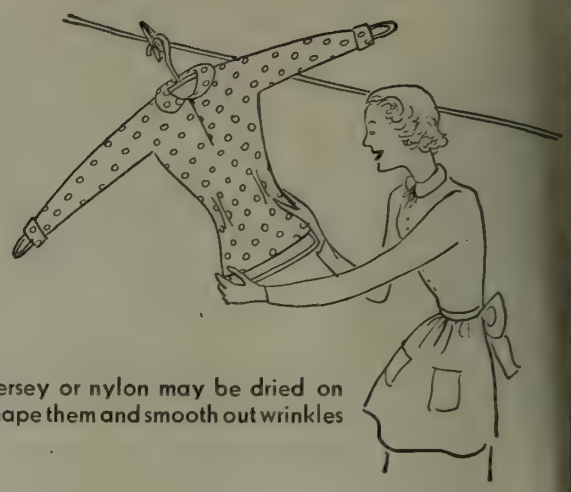
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You buy the best when it's baked by Nabisco
NAtional
BIScuit
COmpany

Correct hanging means less ironing

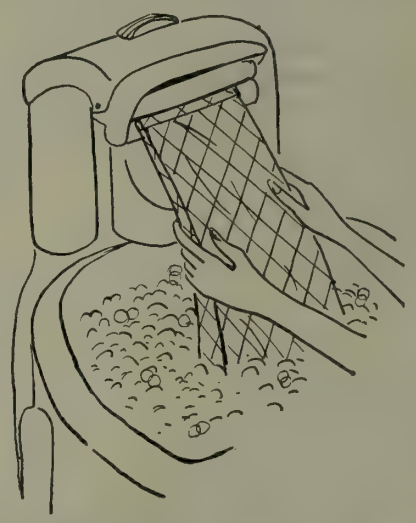
Begins on page 67



Blouses of rayon jersey or nylon may be dried on sweater frames to shape them and smooth out wrinkles

Trousers, shorts, skirts

In using conventional washer, fold pants smoothly seam to seam and put through wringer, legs first. Fold skirts with buttons on inside before wringing. In automatic washer, clothes come out with all excess moisture removed and ready to hang.



Clothespin blue jeans, slacks, work pants, shorts, and skirts to line along waistband. Hang dress-up trousers from a pants' hanger or on special stretchers that fit into the legs. When dried properly, pants will need only a quick press.

Dresses, blouses, jackets, coats

If you have conventional washer, fold dresses, blouses, etc., shoulder to shoulder; lay sleeves down across garment, and put through wringer top first. If you have automatic washer or spinner, give garments a shake to remove all the wrinkles, and hang.

Some garments you'll clothespin to the line; others should be dried on hangers. If a garment is heavily starched or of a material requiring thorough ironing, you can save time by clothespinning it to the line. However, putting nylon, rayon jersey, silk, or unstarched sheer blouses on hangers or sweater frames is well worth the extra hanging time. When almost dry, give a quick press; you've cut out tedious ironing.

Coats, jackets, and seersucker or unstarched dresses also dry most wrinkle-free on hangers. Pad shoulders and sleeves with towels or white tissue paper; smooth collar and hem. If finishing touches are needed, take from line while still slightly damp and press.

Sheets, pillowcases

Hang as on page 67. When you take pillowcases from line, fold in thirds with hem on top ready for the sweep of the iron.



When you take sheets from line, fold them carefully into fourths. Then just iron top quarter where hem will be turned back on bed



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when you breeze-condition your home with an

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Cools several rooms!

Typical installation, at right, shows air circulation, controlled by opening windows and doors as desired. New 16- and 20-inch direct-drive models (illustrated above) also 24- and 30-inch belt-drive models, all in two-speed types, some in single-speed types. Finished in ivory enamel.



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St. Louis 21, Mo.

EMERSON ELECTRIC
MOTORS • FANS APPLIANCES

Slipcovers

Hang as on page 66. Put back on chair or sofa slightly damp, and smooth into place. Press pleats with fingers. When dry, you may wish to remove and iron pleats. Rest of cover will have molded, ironed appearance.

Slips, panties, nightgowns

Hang panties and slips or strap-type nightgowns as shown on page 66. Nightgowns with sleeves dry nicely on hangers. Correct hanging will rule out ironing in most cases.

Gloves

Insert clothespins into the fingers so they'll keep their shape while drying. When they are dry, iron them by trying them on and smoothing them to your hands.

Socks

Hang socks by their feet; not by the tops. Smooth with hands; do not iron.

Cotton tips

1. If using a conventional washer, put clothes through wringer flat, in straight lengthwise folds. This keeps their shape best. Wringing tightly or twisting adds wrinkles, strains material.

2. Give garment a good shake before hanging, to remove folds. After hanging, straighten collar and smooth out any wrinkles.

3. Hang clothes outside in a breeze to help "iron out" material.

4. If ironing is necessary, take garments from line or dryer when damp dry. You won't need to sprinkle or roll them (rolling tightly adds new wrinkles). Iron right away, or fold flat in an oilcloth-lined basket and cover with a damp towel or sheet. Pieces that must stand longer than overnight should be put in the refrigerator.

5. Items that don't require ironing should dry thoroughly. The ones on hangers will be ready for the closet. The others should be folded neatly into basket ready for drawers or shelves.

Rayon tips

1. Do not wring. Roll rayons to be ironed loosely in a Turkish towel and squeeze gently, or damp-dry in automatic washer. Iron right away on wrong side.

2. Dry rayon jersey dresses or blouses, and knit slips or nightgowns, on towel-covered flat surface. A piece of plastic screening laid across a clothes rack is a good drying surface—provides circulation, speedy drying.

3. While knit rayon garment is still damp, pat to prewashing shape and measurements. Outline garment on paper or old sheet before washing, for a handy guide. Or, if you have an adjustable sweater-drying frame, you can dry a blouse to proper shape on it. After shaping and smoothing, no ironing is usually necessary.

4. If garment is nylon, hang very wet on hanger or stretcher with towel between front and back of garment. Weight of moisture pulls wrinkles out. Blot the lower edges now and then as water runs down. Ironing isn't usually needed. You may smooth out any slight wrinkles with warm, not hot, iron.

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Each delicious flavor kept separate in its full, original richness

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Now you can enjoy canned meat with home-cooked goodness—new kinds of meat, each packed with a sack of barbecue sauce right in the same can. Both the mild tasty sauce and the select, top-grade meat thus retain their fresh-cooked flavor. Try these delicious new treats.

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So simple making shortcakes with Bisquick. Just add cream! See directions on box. Your shortcake biscuits will be rich and flaky. Bisquick is made of quality ingredients, skillfully blended. It is recommended by the Betty Crocker food staff at General Mills. Serve "Bisquick" strawberry shortcake often . . with plenty of whipped cream. **General Mills**



Now make pie crust like Betty Crocker's



Easy with Crustquick! Betty Crocker's pie crust in a package. Just add water for crisp, flaky, pie crust. This new pie crust mix is made with Gold Medal Enriched Flour, salt, pure shortening. For berry, cherry, *every* kind of pie. Try Crustquick!

Hamburgers—better than ever



For uniform-size patties, fill a 1/4- or 1/3-cup measure with hamburger, press lightly. Turn out on waxed paper; flatten in one of two ways shown below. This way you'll always get the same number of patties from one pound of meat, and all patties will be same size and shape



For thick burgers, use flat-bottomed custard cup or a broad mallet to press hamburger mounds in shape. Press lightly to make fat burgers. Job's done in one motion. Having a party? Make patties in advance, stack with waxed-paper squares between, and store in the refrigerator



For thin burgers, place meat between waxed-paper squares. Flatten with rolling pin. Keep in refrigerator till ready to use. Frozen burgers come already flattened between paper dividers. Handy to store, quick to fix

Recipes on page 97

Begins on page 68



Half-'n'-Half Spread is clever topper for broiled or grilled burgers to be served open-face. Hold knife or spatula vertically across burger; spread half of burger with prepared mustard and half with catsup. Burgers taste even better if you slip under broiler a minute after spreading



Barbecue Sauce for Baked Burgers: Combine ¼ cup diced onion, ¼ cup vinegar, 2 teaspoons Worcestershire sauce, ½ cup catsup, and ¾ teaspoon chili powder. Heat to boiling; pour over burger patties in shallow baking pan. Bake in moderate oven (350°) 25 to 35 minutes



Mustard Butter Patty makes a peppy topper for broiled burgers. Blend 1 tablespoon prepared mustard into ¼ cup butter or fortified margarine. Form into roll, coat with chopped parsley. Chill; slice. Place a patty on top of hot broiled or grilled burgers. Serve immediately



Golden Quencher ★

Keep cool with icy-fresh pineapple juice in a crystal-clear glass. It's sparkling refreshment to perk up wilting appetites. Grand for entertaining, good for daily fare—delightful when it's Dole! (Be sure to prepare for "seconds" on extra-thirsty days.)



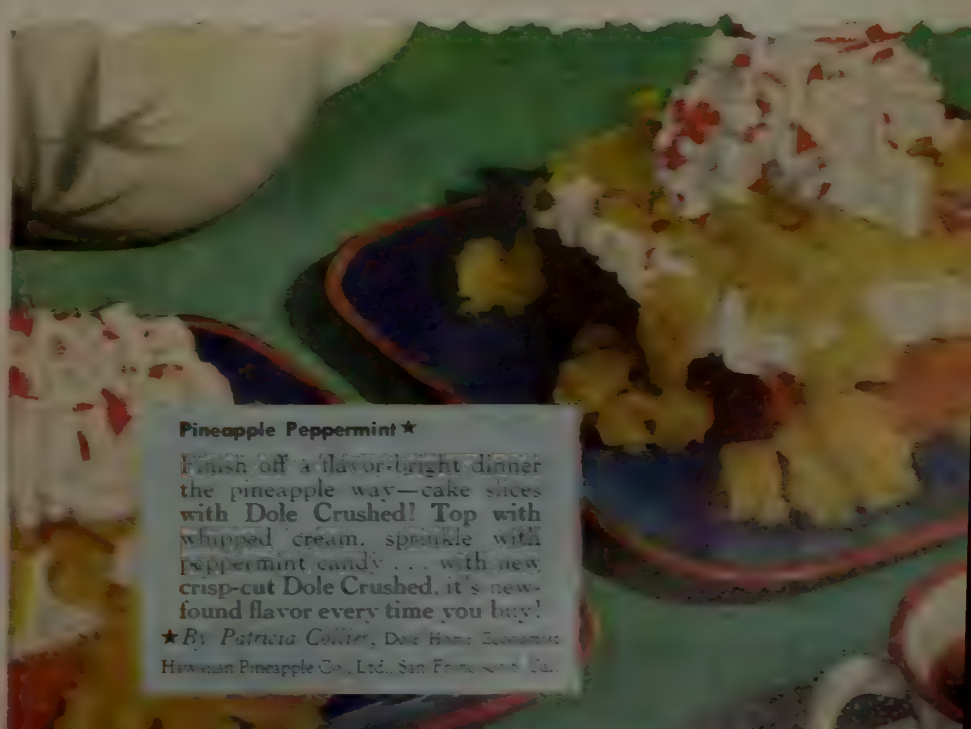
Cool, cool sunshine in a



Summertime Salmon ★

For a cool kitchen and a cool you, make it a broiler meal. Try colorful salmon steaks next to flavorsome Dole Pineapple Slices. Unusually easy to broil and specially fancy when served on a wooden plank. With Dole's sun-ripe richness, it's a sure success!

pineapple dinner by DOLE



Pineapple Peppermint ★

Finish off a flavor-bright dinner the pineapple way—cake slices with Dole Crushed! Top with whipped cream, sprinkle with peppermint candy . . . with new crisp-cut Dole Crushed, it's new-found flavor every time you buy!

★ *By Patricia Collier,* Dole Home Economist Hawaiian Pineapple Co., Ltd., San Francisco, Cal.

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33% FASTER COOKING! 50% MORE COOKING SURFACE! *UP,* it's a giant-size 7-heat Super-Speed surface cooking unit. *DOWN,* it's a 7-heat deep-well cooker that does 20 cooking jobs including safe, speedy deep-fat frying. *Get Four Surface Units . . . TWO Big Surface Units! . . . Get Super-Speed Cooking!*

Gibson surface cooking units are 7-heat, not 5. Two of the units are GIANTS . . . 33% faster cooking . . . heat penetration at Super-Speed for convenience, for saving vitamins, for better flavor, for holding weight of food.

Get Two Ovens!

There's the handy speed oven for a couple of pies or economical one-dish meals. And there's the banquet-size oven. Each oven is automatic! Set it, leave home, return, the meal's cooked. Gibson is *5 Ways Automatic:* in Ups-A-Daisy, up or down, in both ovens, in the convenience outlet!

COOK EVERY MEAL EVERY DAY *Automatically!*



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See those two top compartments? They are the Gibson Double Feature—Freez'r Locker and Fresh'ner Locker. Freez'r Locker freezes and stores 40 pounds of frozen foods, makes ice cream and frozen desserts. Fresh'ner Locker keeps salads, beverages, cold desserts. Between these lockers is a wall-to-wall Ice Cube Reserve for spare ice cubes or flat cuts of meat.

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Each kind of food needs its own blend of cold and moisture, to preserve flavor, texture, vitamins *and weight.* And Gibson Cold Modulation is exactly that—a different, proper combination of cold and moisture for each food—from below-freezing in the Freez'r Locker to dewy coolness in the Dew Temp vegetable locker —plus crisp dryness for cereals in the Tilt Bin. Today's way to keep today's foods!



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GREENVILLE, MICHIGAN

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Hamburgers—better than ever

Continued from page 95

Basic Burger Recipe

1 pound ground beef
1 teaspoon salt
2 tablespoons minced onion
¼ cup water
1 tablespoon Worcestershire sauce
Pepper

Combine ingredients; mix thoroughly. Shape into 6 to 8 patties.

Double-decker Burgers

1 pound ground beef
1 egg
1 teaspoon salt
Dash of pepper
¼ cup catsup
½ to ⅔ cup chopped onion
10 slices bacon

Combine meat, egg, seasonings, and catsup; mix well. Form in 10 thin oblong patties, the shape of Coney buns. Put meat patties together, sandwich-fashion, with chopped onion between. Press edges together; wrap each double-decker with 2 bacon slices and fasten each end with a toothpick. Preheat broiler. Place patties on rack 3 to 5 inches from heat. Broil about 5 minutes on each side. Makes 5 double patties.

Stuffed Burgers

1 pound ground beef
1 teaspoon salt
¼ teaspoon pepper
½ cup dry bread crumbs
½ cup milk
1 recipe bread stuffing
2 tablespoons fat
1 10½ or 11-ounce can condensed tomato soup
½ cup water

Combine meat, seasonings, bread crumbs, and milk. Mix well. Make into 12 thin patties about 4 inches in diameter. Make **Bread Stuffing:** Combine 2 cups soft bread crumbs, ¼ cup chopped onion, 1 teaspoon chopped parsley, 1½ teaspoons salt, pinch of pepper, ½ to 1 teaspoon poultry seasoning, 2 tablespoons melted fat. Add enough water or soup stock to moisten slightly; mix lightly. Place 1 tablespoon stuffing between two patties and press edges together securely. Brown in hot fat. Mix tomato soup and water; pour over burgers. Cover. Simmer 45 minutes. Serves 6.

Barbecue Burger Mix

1 pound ground beef
½ cup chopped onion
¼ cup chopped green pepper
¼ cup chopped celery
1 8-ounce can (1 cup) tomato sauce
¼ cup catsup
1 tablespoon vinegar
1 tablespoon sugar
1½ teaspoons Worcestershire sauce
1 teaspoon salt
⅛ teaspoon pepper

Brown meat in hot fat; add vegetables. Cook until vegetables are tender. Add remaining ingredients; mix well. Cover. Simmer 20 minutes. Spoon on hamburger buns. Serves 6.

Burgers in Biscuits

2 cups prepared biscuit mix
½ to ⅔ cup milk
5 or 6 canned hamburger patties

Prepare biscuit dough as directed on package. Roll about ¼ inch thick; cut 10 or 12 rounds 2½ to 3 inches in diameter. Place hamburger patties on half of biscuits, top with other halves, and seal edges with fork. Bake on greased cooky sheet in hot oven (450°) 12 to 15 minutes. Makes 5 or 6. Serve with **Barbecue Sauce:** Combine ¼ cup finely chopped small onion, ⅓ cup finely chopped sweet pickles, ¼ cup vinegar, 1 cup catsup, 1 tablespoon prepared mustard, salt and pepper. Simmer 10 minutes.

Smart cook!

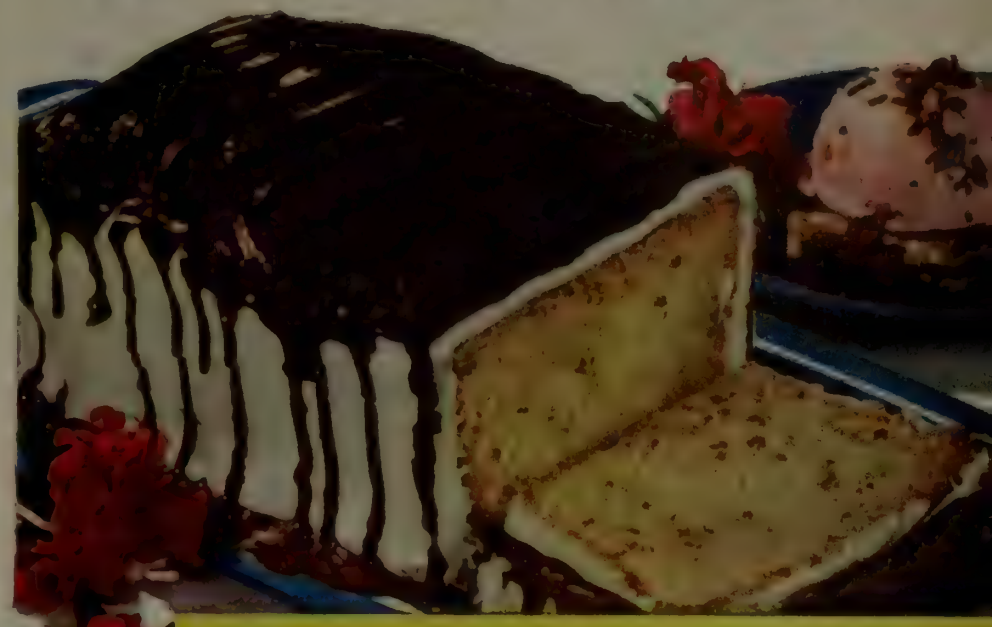
Adding fresh garden flavor



When you cook peas from your June garden, add some of the tender pods for best flavor. Cook in only a small amount of water with lid on. About 10 minutes will be plenty of time

Betty Crocker uses Wesson Oil for this

Glamorous Chiffon Cake!



AMERICA'S MOST TALKED-ABOUT CAKE!
Extra-light! Extra-luscious!

ALLEGRETTI CHIFFON

Heat oven to 325° (slow moderate). Coarsely grate 1½ sq. (1½ oz.) chocolate (sweet or unsweetened).

1. In first bowl, sift together:

1⅛ cups (1 cup plus 2 tbsp.) sifted Softasilk cake flour (spoon lightly—don't pack)
⅞ cup (¾ cup plus 2 tbsp.) sugar
1½ tsp. baking powder
½ tsp. salt

Make a well and add these:

¼ cup Wesson Oil
2 unbeaten egg yolks (medium)
⅜ cup (¼ cup plus 2 tbsp.) cold water
1 tsp. vanilla
grated rind 1 orange (about 1½ tbsp.)

Beat with spoon until smooth.

2. In large second bowl, put:

½ cup egg whites (4)
¼ tsp. cream of tartar

Beat into stiff peaks, *stiffer than for meringue.* DO NOT UNDERBEAT.

3. Pour egg yolk mixture gradually over beaten egg whites, gently folding with rubber scraper just until blended. DON'T STIR. Sprinkle with grated chocolate; fold in with a few strokes. Pour immediately into *ungreased* loaf pan (5" x 10" x 3"). Bake 50-55 minutes at 325°, or until top springs back when *lightly* touched. Turn pan upside down, resting edges on 2 other pans; let hang free of table. When cold, loosen sides with spatula; turn pan over and hit edge sharply on table to loosen. Frost with—

ALLEGRETTI ICING: Cream 3 tbsp. vegetable shortening (such as Snowdrift)—or butter; blend in 1 egg yolk. Stir in 2 tbsp. cream, 2 cups sifted confectioners' sugar, 1 tsp. vanilla, beat well. Add more cream if needed. Frost cake. Melt 1½ sq. (1½ oz.) chocolate with ¼ tsp. Wesson Oil over hot water; cool slightly. Pour over top...let chocolate trickle down sides.



THE most sophisticated cake you can serve is Chiffon! Entirely new! Frothy as angel food, yet different...rich, moist and luscious! All Betty Crocker's* Chiffon recipes call for light, mild Wesson Oil. So—to have that special texture and delicate flavor your Chiffon cake—use Wesson Oil. Clear, sparkling Wesson Oil is famous for making other good things to eat, too, such as crisp and digestible fried foods and delicious home-made salad dressings

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Wesson Oil —for making good things to eat

SHRIMP SALAD CREOLE
Grand with this home-made Wesson Dressing

Thinly slice 2 green onions, including tops—mince ¼ cup celery. Add ¼ cup delicate Wesson Oil, 1 tbsp. prepared mustard, 2 tbsp. lemon juice, ½ tsp. salt, ¼ tsp. pepper; beat together. Add ½ lb. cooked fresh shrimp or 1 can shrimp; toss well. Cover; chill 2 hours, so the shrimp have the smooth zest of the Wesson Oil dressing. Mix lightly before you place the shrimp on crisp shredded lettuce. 3 servings. Delicious with potato chips. This will be a "request salad" all summer, so crisp, *so naturally* good-tasting, thanks to Wesson Oil, America's favorite Salad Oil!



NEW IDEAS! 218 recipes in "How to Win Compliments," 100-page cookbook. Beautiful foods in color. Send name, address, 25¢ in coin to Wesson Oil and Snowdrift People, Dept. C3, New Orleans 12, La.



sy Recipe

uit Ginger Cakes

Fruit Cocktail makes them company best!

package Betty Crocker Gingercake Mix*
1 cup lukewarm water
¼ cup whipping cream
cups canned fruit cocktail, drained

contents of package of Ginger-Mix into bowl, add ½ cup luke-water and beat vigorously for tes (300 strokes). Add remain-ter and beat 2 minutes longer. eased 3-inch muffin pans ½ full. n quick moderate oven (375°F.) *ct of General Mills, Inc.*

about 20 minutes. Remove from pans. Cut each cake almost through to bottom in 4 or 5 wedges. Pull wedges slightly apart to resemble flower petals. Place spoonful of whipped cream in center of each cake and top generously with well-drained fruit cocktail. Makes 8 to 10 cakes.

Fruit Cocktail, summertime work saver! Five luscious sparkling fruits ...the finest California cling peaches, pears, pineapple, cherries and grapes ... ready fixed, ready mixed! A cool and easy appetizer! A quick dessert spooned right from the can. Equally grand for summer salads, icebox desserts, sundae sauces. Keep canned fruit cocktail in your refrigerator! Always ready! Always so right!

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Check the label—Choose your favorite brand of

nned Fruit Cocktail from California

In tin or glass • wide variety of can sizes



Good looking, good

Parsley gives these foods glamour



Party butter log. Butter stick is rolled on a board to make a log, then drifted with chopped parsley. Pass with a basket of hot rolls

Photographs: Wesley Bowman



Lemon-parsley rosettes. Tiny parsley sprigs in thin lemon slices are flattering platter mates for baked fish for a family or company dinner

Parsley gives these foods flavor



Western meat patties. Add 1 cup parsley to 1 pound ground beef. Add your favorite seasonings. Shape into patties and broil or grill

eating with parsley

By Beth Curtis

Parsley is a warm weather way to crisp-looking dishes and to fresh garden flavor. The bright green sprigs make your plainest foods colorful. But don't forget that parsley is full of flavor, too. Photographs and ideas, at left and below, show you ways to make food both gayer and tastier with parsley.

Parsley dumplings. Add chopped parsley to dumpling mixture. Spoon over your favorite stew or meat pie.

Chef's soup. Simmer a bunch of parsley with vegetable soup. Remove before serving. Or cook in spaghetti sauce.

Garden-style carrots. Add chopped parsley and melted butter to cooked carrots.

Spread creamed butter combined with chopped parsley on French rolls or bread slices. Sprinkle with grated cheese if you wish. Heat in oven.

Summer cheese balls. Roll cream cheese balls in chopped parsley. Use for relish plate or salads.

Party deviled eggs. Tuck a tiny sprig of parsley in one end of each deviled egg half.

Meat shortcake. Cut a hole in the top biscuit of individual 2-biscuit shortcakes with a doughnut cutter. When biscuits are baked, spoon creamed chicken or ham between the two biscuits. Stick a little bunch of parsley in the hole in the top of the shortcake for a fresh green summer garnish.

Parsley pinwheels. Cut thin slices lengthwise of loaf of bread; trim crusts. Spread with softened butter; sprinkle with chopped parsely. Starting at one end, roll slices; seal open end with butter. Wrap in waxed paper; chill; slice.

Snappy tartare sauce. To 1 cup mayonnaise add 1 tablespoon each of chopped parsley and chopped dill pickle, 1 teaspoon each of minced pimiento and horse-radish.

More on next page



Parsley omelet. Add parsley snips to omelet or souffle mixture before cooking. High, handsome omelet will be tasty and full of color

MAGIC TUNA CASSEROLE



Hearty, different, only 17¢ a serving!

You can surprise your family and delight your friends with this appealing dish! It's a magic combination of flavors you'll want to try right away. Be sure to use Star-Kist Tuna, though, for the delicate flavor of this milder, finer tuna makes any dish taste better.

MAGIC TUNA CASSEROLE • EASY 1-2-3 RECIPE

1 7-oz. can Star-Kist Fancy Solid Pack (or *New Chunk Style* Grated) Tuna
2 eggs, slightly beaten
1 pound cottage cheese
½ teaspoon salt ¼ teaspoon pepper
¾ teaspoon celery salt (optional)
½ teaspoon Worcestershire sauce (optional)
½ cup dry bread crumbs
2 tablespoons butter or margarine

1. Mix: tuna, oil from tuna, cheese, seasonings, ¼ cup bread crumbs into beaten eggs. **2.** Turn into oiled, 1-quart casserole and top with remaining crumbs — buttered. **3.** Set in pan of hot water and bake in 375° F. oven about 35 minutes—or until mixture is set. Presto! You can serve 6 delighted people!



FREE RECIPE BOOK

Now in second printing! Contains 24 pages in color. Economical, easily prepared, kitchen-tested tuna recipes. Send name and address to: Star-Kist Tuna, Terminal Island, Calif., Dept. 31.

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No defrosting for you to do. No squeezing and no straining. Just add three cans of water and mix vigorously.

FLORIDA CITRUS COMMISSION, LAKELAND, FLORIDA

LORIDA QUICK-FROZEN
CONCENTRATED
ORANGE JUICE

Good eating with parsley

Begins on page 98

Short cuts to fluffy parsley



Chopped parsley. Remove parsley stems; put leaves in a cup. Snip with scissors. To store parsley, cut bundle loose. Wash in cold water; shake to remove excess water. Keep in covered container in refrigerator. Dry thoroughly between two pieces of paper toweling before using.



Fluffy parsley. Roll parsley snips in a paper towel. Give the towel a sharp twist. Parsley stays fluffy and will keep its bright green color.

Home furnishings answers

Q. *Should I use lace antimacassars on my overstuffed furniture? Mrs. S. P., Daytona Beach, Florida.*

A. No, lace antimacassars simply give your room a dated look. With the cleaning products on the market today, it's an easy matter to freshen up upholstery. Slipcovers are a better way to keep upholstery clean—and they're smarter.

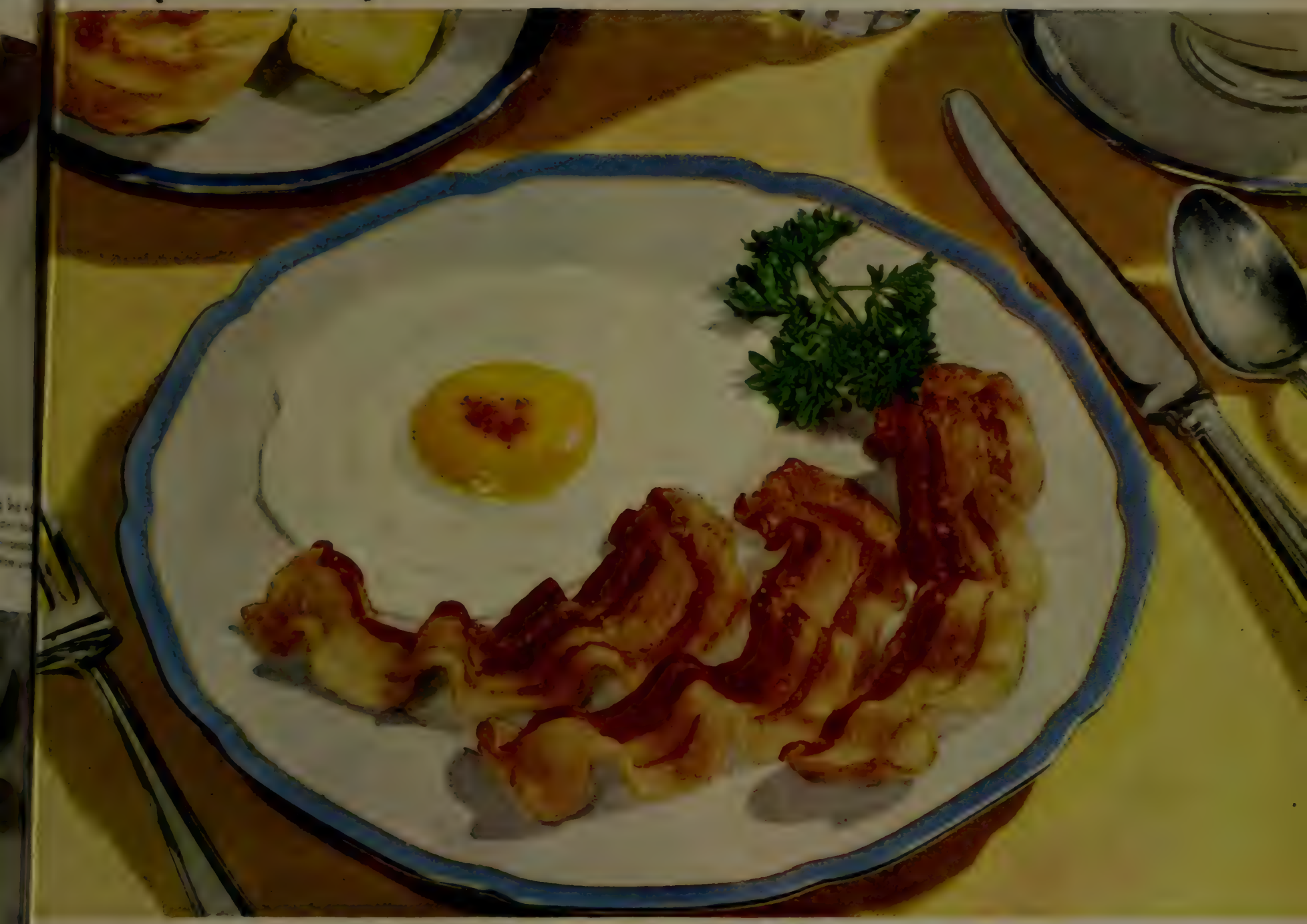
Q. *What is the best way to clean books? Mrs. E. F., Akron, Ohio.*

A. Dust the edges of the book pages with a clean paintbrush or with the brush attachment of a vacuum cleaner. Wipe the bindings with a perfectly clean cloth. (An oiled duster will soil the bindings.) Then dust the bookshelves before you put the books back.

Q. *Should stair and hall carpets have the same color or design? Mrs. L. D., Hartford, Connecticut.*

A. Your stairs will blend better with your hall if you use the same colors and designs in stair and hall carpet. If you already have a rug on your hall floor, you would be wise to choose stair carpeting in a plain color that ties in with one of the colors in the hall rug.

ke up smiling— at its fragrant, wood-smoky aroma



eel better—at the first fragrant whiff of that rich, wood-
y aroma! You *eat* better—at the first tantalizing taste of
empting flavor!

t's why you *wake up smiling* when there's Armour Bacon
eakfast! It's truly America's Luxury Bacon—hand-picked
the choicest bacon sides; tender-smoked over hickory
ardwood fires; dry sugar-cured for less shrinkage when
ook it!

some soon—pan-broiled like this: lay strips of Armour
in cold frying pan and cook over low heat. Turn occa-
lly, pouring off fat as it accumulates. Fry Cloverbloom
at low heat, too—until whites are firm. Spoon fat over
to cook yolks. For many delicious bacon recipes, write:
e Gifford, Dept. 366, Box 2053, Chicago 9, Illinois.

e best and nothing but the best

is labeled ARMOUR

Tune in STARS OVER HOLLYWOOD—CBS Saturday



When you're planning . . .



a dinner

You can give it added brilliance (and take all the bows) by serving salads, sea foods, fruits, fruit juices and cocktails chilled just right with sparkling, pure, *crushed ice.* Here's table glamour for pennies!

a picnic

p cold beverages *really* cold—
foods crisp and delicious—
plenty of ice. You'll find this
able ice chest mighty handy.
olds foods, drinks *and* ice.
your Ice Company about it.





a party

The really smart hostess orders *extra ice.* That's the way to keep festivities *and* refreshments sparkling. Don't run short . . . make certain you have plenty of *genuine* crushed ice or ice cubes on hand.

se plenty of genuine* ICE

enuine Ice" is the pure, crystal-clear, taste-free, slow-melting kind
lied *exclusively* by your local Ice Company. Call on them for *genuine*
or every cooling need—beverage use, food service, refrigeration.





and be sure to see...

MODERN AIR-CONDITIONED ICE REFRIGERATOR

lete, scientific food protection!
y, Economy! Get *all* the facts
our local Ice Company today.

THE HANDY, INEXPENSIVE "HOSTESS" CHEST

Chills bottle beverages quickly . . . holds extra ice . . . relieves crowded refrigerators. Great for parties!



Free! Mail a postcard today for your *free* copy of "Money-saving Tips on Marketing"—a 24-page guide to buying vegetables, poultry, fish. Address: Dept. AJ, 1706 L Street, N.W., Washington 6, D. C.

NATIONAL ASSOCIATION OF ICE INDUSTRIES

From soup to dessert,

They're all made

You'll stir extra richness and healthfulness into your summer meals when you cook with milk

By Frances Meyer

You start with a bottle of milk and, several ingredients later, have velvety-smooth white sauce; a savory casserole; or a mellow, creamy dessert. Let milk play the right-hand man in your meal plans this summer. Now, when it's most plentiful, is a good time to take advantage of milk's versatility and wholesome food value. We give you seven ways to bring milk into your daily meals—from soup to dessert.

Milk is perishable

Milk comes to you fresh and pure—keep it that way. As soon as milk arrives in the kitchen, run cool water over bottles or wipe with a damp cloth and put them in the refrigerator. Keep milk there except when you're actually using it. Rotate bottles in the refrigerator, too, so that day-old milk is used before starting on a new quart. Use leftover poured milk for cooking.



Chicken Cream Soup. Your hot-weather salad meal takes on extra appeal when you serve this rich, creamy soup as a first course. And it's ready in no time—you merely open the can, add an equal amount of milk, and heat. Just before soup goes to the table, top each serving with a fluff of whipped cream and sprinkle on a little chopped parsley

with milk



Jonquil Pudding. Here's fluffy tapioca pudding in a two-tone version. One half of pudding is made with egg whites; the other with yolks for yellow and white effect. Walnut halves top servings



Peas and Mushrooms Royal combines fresh green peas with crisp bits of bacon, chopped onions, and broiled mushrooms in a creamy white sauce. Buttered carrots or asparagus spears center the platter

Photographs: Photography Inc.



Coconut Refrigerator Dessert has a crisp graham-cracker crust; light, creamy filling; and crunchy topping of toasted coconut and almonds. You fix it at your pleasure, serve it straight from the refrigerator

More on page 105



Be sure it's a Toastmaster Toaste

AND BE PLEASED WITH YOURSELF FOR YEARS

Be happy with your choice for its enchanting beauty—for its jewel-like brilliance that mirrors bright breakfast faces. Know that your selection is sound as you see it pop up perfect toast every time. And enjoy all this satisfaction endlessly with the famous "Toastmaster" Toaster. For lots of folks tell us how pleased they are with "Toastmaster"* Toasters they've had for *twenty* years—and longer! So be proud of your choice. Make yours *America's most-wanted toaster* and be pleased with yourself for years. Be sure to . . .

Look for the TOASTMASTER *name on your toaster ... others will*

PERFECT TOAST ALWAYS
The famous Superflex toast timer automatically pops up perfect toast every time.



EASY TO KEEP CLEAN
Touch the button and the crumb tray opens instantly for quick, easy cleaning.



SAFE, COOL HANDLES
Lift the toaster easily and safely by the large, cool, finger-fitting handles.



TOASTMASTER Automatic Pop-Up Toaster

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This is the way we wash the clothes...

wash the clothes...

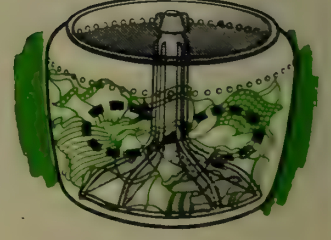
with the **THOR AUTOMAGIC WASHER**



THOR REVOLUTIONIZES RINSING

with the Wonderful New

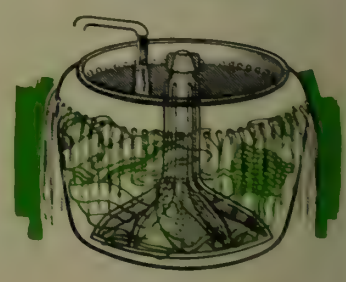
AGITATOR ACTION OVERFLOWING RINSE



Loosens soap and dirt by Agitator Action . . . just the way it washes! Of *course* clothes come clean!



Soap Curds rise to the top and float away . . . they never are forced down thru the clothes!

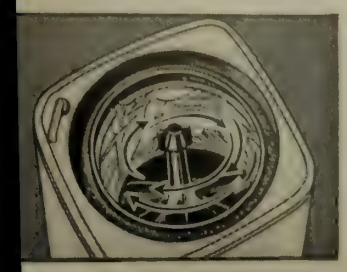


Rinse is continuous with constantly changing water . . . equal to *eight* ordinary rinses. And you can use *cold* water!

It's all done with your fingertips...
No Wringer...No Rinse Tubs...
No Hard Work!



THOR AGITATOR ACTION means world's finest washing. Gentle . . . but gets clothes really clean!



SINGLE TUB SPIN-DRYING gets out 25% more water than a wringer. Faster, easier on clothes!

Thor® AUTOMAGIC® WASHER

All you'll do is flip a switch and your Thor will take over the whole wet, miserable job of washing, rinsing—*everything*. And your clothes will have such a sparkling freshness! Only Thor's famous Agitator Action could get them quite so clean . . . only Thor's *exclusive* OVERFLOWING RINSE plus Thor Spin Drying could leave them quite so soft, so fluffy. Today, for sure, see the new Automagic Thor Washer at your dealer's!

NEW LOW PRICE

Formerly $229.50—now only

SAVE $30

$199.50

Price includes normal installation. NO BOLTING DOWN. No permanent installation necessary. Put it anywhere, upstairs or down. EASY TERMS.

And for Only $79.95 You Can Add This Thor Automagic DISHWASHER

★ *Washes, rinses, sanitizes and dries your dishes better than by hand*

★ *Saves at least an hour a day* ★ *Uses less hot water than any other dishwasher*

Dishwasher is beautiful Stainless Steel Tub that slips into machine in place of the wash tub. Dishes never touched by anything used in clothes washing. Switching Tubs takes only 1½ minutes.



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REG. U. S. PAT. OFF.

They're all made with milk

Begins on page 102



Cheese Noodle Ring With Curried Shrimp Sauce. Bake noodles into a moist, delicately tender custard mixture for your next bridge luncheon. Over it, serve a curry-flavored sauce studded with the shrimp. You might like fresh beans, a relish tray, and berry pie with it



All-American Chocolate Malt. Watch eyes sparkle when this refreshing drink appears on a torrid afternoon or as a hot-evening dessert



Rosy Vanilla Whip can be made early in the day and then stored in the refrigerator till you're ready to serve it. It's creamy vanilla pudding whipped with raspberry gelatine. Your junior-sized cook could make it

Recipes on next page

Ready for the Fire



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o-grind in a matter of *seconds!* Grinder ckly into Dormeyer's special built- Drive. Grinds raw or cooked meats, es.



Ready instantly for jiffy juicing! Gets all the delicious, rich "C" vitamins close to the heart of grapefruit, oranges, lemons. Gets MORE juice—saves money!

New! Now-the Complete *food-fixer*

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Mixer-Grinder-Juicer

All-in-one complete unit for only $39.95

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Now Dormeyer brings you the only complete food-fixer! Combines all the advanced features of the famous Power-Chef with juicing and grinding attachments included at no extra cost. 10 recipe-tested speeds are automatically controlled. *You dial it Dormeyer does it.* With its rich color harmony, this new Dormeyer Power-Chef is the most beautiful mixer ever designed. Harmonizes with any kitchen. Ask your dealer for a demonstration today. See how this *complete food-fixer* grinds, juices, mixes. Now FOR THE FIRST TIME . . . all in one complete *low price* unit! Mixing, grinding, juicing attachments and 2 matched mixing bowls included.

our kitchen mixing easier, faster, ial operated with continuous full ll to mixing speeds, from mashing o high-speed beating.



MORE FEATURES!

1. Full power goes directly to juicer, grinder. Needs no adaptors.
2. Automatic Power Regulator. Steady power at all mixing speeds
3. New Automatic Beater Release gives easy finger-tip control.
4. 10 recipe-tested speeds for every food-fixing task

dial it Dormeyer does it!

THE FIRST NAME IN MIXERS

They're all made with milk

Continued from preceding page

Chicken Cream Soup

1 10½-ounce can cream of chicken soup
1⅓ cups milk
¼ cup heavy cream, whipped
Chopped parsley

Add milk to soup, blend. Heat slowly to simmering. Pour into individual soup bowls or cups. Top with whipped cream and chopped parsley. Serves 4. If larger servings are desired, double the recipe

Jonquil Pudding

White part
3 tablespoons quick-cooking tapioca
¼ cup sugar
⅛ teaspoon salt
2 cups milk
2 stiff-beaten egg whites
½ teaspoon vanilla

Yellow part
2 beaten egg yolks
2 cups milk
2 tablespoons quick-cooking tapioca
¼ cup sugar
⅛ teaspoon salt

White Part: Mix tapioca, sugar, and salt; add milk. Heat to boiling over direct heat, stirring constantly. Remove from heat; mixture will be thin. Fold hot mixture into egg whites. Cool slightly. Add vanilla. Cool

Yellow Part: Mix egg yolks with small amount of milk; add tapioca, sugar, salt, and remaining milk. Heat quickly to boiling over direct heat, stirring constantly. Cool. Spoon white and yellow parts alternately into tall glasses. Jonquil Pudding recipe serves 8.

Peas and Mushrooms Royal

4 slices bacon, chopped
2 tablespoons finely chopped onion
1 6-ounce can (1½ cups) broiled mushrooms, sliced
1 tablespoon enriched flour
½ teaspoon salt
⅛ teaspoon white pepper
1 cup whole milk
2 cups fresh garden peas, cooked

Fry bacon in skillet, remove, and add onion and mushrooms. Cook until onion is golden. Stir in flour and seasonings. Gradually add milk. Cook until smooth and thick, stirring constantly. Add peas and chopped bacon. Serve hot in **Toast Cups:** Press thin slices of soft bread, buttered side down, in muffin cups, then toast in moderate oven (375°) until lightly browned. Serves 6

Coconut Refrigerator Dessert

1 tablespoon (1 envelope) unflavored gelatine
¼ cup cold water
3 slightly beaten egg yolks
½ cup sugar
¼ teaspoon salt
1 cup hot milk
½ teaspoon almond extract
½ cup shredded coconut
3 stiff-beaten egg whites
1 recipe Graham Cracker Crust
¼ cup chopped, toasted almonds
¼ cup toasted shredded coconut

Soften gelatine in cold water. Combine egg yolks, sugar, and salt; gradually stir in milk. Cook in double boiler over hot, not boiling, water, until mixture coats a spoon, stirring constantly. Remove from heat. Add gelatine mixture. Stir to dissolve. Chill until partially set. Add almond extract and ½ cup coconut. Fold in egg whites. Pour into 9-inch piepan lined with **Graham Cracker Crust:** Mix 1½ cups cracker crumbs, ⅓ cup brown sugar, and ½ cup melted butter or fortified margarine; press firmly in greased 9-inch piepan. Chill until set, about 45 minutes. Fill; chill. Sprinkle with toasted coconut and toasted almonds just before serving.

Cheese Noodle Ring With Curried Shrimp Sauce

1 8-ounce package noodles
⅓ cup dry bread crumbs
1 cup grated American cheese
2½ cups milk
4 slightly beaten eggs
1 teaspoon salt
1 teaspoon Worcestershire sauce

Cook noodles in boiling, salted water; rinse and drain. Alternate layers of noodles, crumbs, and cheese, in greased 2-quart ring mold. Combine other ingredients; pour over noodles. Bake in pan—1 inch hot water surrounding—in moderate oven (350°) about 45 minutes. Serves 6.

Curried Shrimp Sauce

¼ cup melted butter or fortified margarine
¼ cup enriched flour
½ teaspoon salt
Dash of paprika
½ to 1 teaspoon curry
1½ cups milk
3 tablespoons catsup
1½ cups cleaned shrimp
Sherry flavoring, if desired

Blend butter, flour, and seasonings; gradually stir in milk. Cook until thick and smooth, stirring constantly. Add catsup, shrimp, and sherry flavoring, if desired; heat through. Sprinkle with chopped parsley. Serves 6.

All-American Chocolate Malt

½ cup heavy cream
6 tablespoons malted milk powder
¼ cup chocolate sundae syrup or chocolate sauce
1½ cups milk
1 quart vanilla ice cream

Whip cream; add malted milk powder and mix well. Add chocolate syrup and milk and blend well. Beat in ice cream with electric mixer or rotary beater. Serves 4.

Rosy Vanilla Whip

1 package raspberry-flavored gelatine
2 cups water
1 package vanilla pudding
2 cups milk

Prepare the raspberry-flavored gelatine with 2 cups water as directed on package. Prepare the vanilla pudding with 2 cups milk as directed on package. Chill gelatine until slightly thickened. Chill pudding. Place bowl of gelatine in bowl of ice and water and whip with rotary beater until fluffy and the consistency of whipped cream. Add pudding gradually, beating constantly until blended. Turn into sherbet glasses or large serving dish. Chill until firm. Garnish with cubes of clear gelatine or fresh fruit. Makes 8 servings. **Note:** Try other flavors of gelatine, too, for variety.

there is always one . . .



One face dearest to the heart . . . one song, one place, one time the best remembered . . . and among material possessions one thing most treasured.

To many, and to more each day, this happiness in choice of blankets has become St. Marys. For they delight so many ways! In their incredible beauty . . . through years of warmth and wear and wondrous comfort . . . you discover the great wisdom of your choice.

Always purest wool in weights most pleasing and colors most becoming to you. One name to add to those that will not fail you . . .

St. Marys

ST. MARYS BLANKETS

ST. MARYS, OHIO



If you could measure the filth in your sink drain...

...would you find solid inches of muck?

In many a sink drain this nasty grease collects, making a home for filthy *sewer germs* only inches from the family's food and dishes!

You can't get rid of this grease with liquid disinfectants. It takes Drāno to *boil out* those solid inches of filth and chase it down your drain.

Do this once a week, *every* week: *Put a tablespoon of Drāno in your drain!*

Drāno's special *churning, boiling* action *scours* out this greasy muck—takes it away with all the germs that breed in it! It keeps your drain clean, clear, always fast-running!

P.S. *Remember—Drāno also opens clogged drains in a flash!*

Drāno®

removes the muck that slows drains and breeds sewer germs



Harmless to septic tanks: Makes them work better—cuts down odors.

Copr. 1949, by The Drackett Co.

How to keep house and like it

Begins on page 76

My ironing magic. It's an all-purpose work counter. Our home-made all-purpose counter stands 32 inches high, is 30 inches wide and 8 feet long. It's padded as an ironing board. Topped with oilcloth it's a sorting board and useful at canning and freezing time. With oilcloth rolled and padding folded it's a rumpus room picnic table.



Cut time spent on "fix-it" jobs by doing several at once. Keep track of odd jobs on the kitchen blackboard

Buttons. Anchor on when they first pop off and they're buttons saved. Needles kept threaded on a pincushion mean that it takes no more time to tack the button on than to fasten with a pin. Post pincushion with other sewing supplies so you always know where to find it.

Take a look. Families change. Tastes and hobbies are outgrown. House-cleaning season is the time to survey each bit of bric-a-brac, each old book, picture, and bridge prize, with a questioning eye. If it were tucked in the closet or thrown away, would it ever be missed? How long since it's given pleasure or been really used? Collect a clothesbasket of things from drawers, walls, and tables. Clean and pack away. See how long before anyone notices. What a shame to leave something about, taking up space, if it no longer gives pleasure.

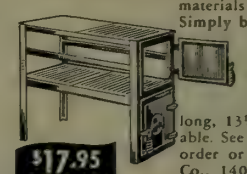


Two hands are better than one. With two dust mitts going at full speed, you'll be finished in half the time

IT TASTES BETTER cooked on an OUTDOOR FIREPLACE



It's fun to build your own fireplace . . . choosing your own materials and design! Costs so little. Simply build masonry around this durable, all-metal Model OF-28 fireplace unit. Rugged, cast iron doors. Grate arranged for either charcoal or wood! Size 21" high, 26" long, 13½" wide. Larger size available. See your dealer or send money order or check today. The *Majestic* Co., 140 Erie Street, Huntington, Indiana



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SEND FOR THIS BOOK OF DESIGNS
48 pages of helpful tips on fireplace and outdoor cookery . . . Send 25c for your copy.



Another *Majestic* Product



SUN HEAT is blocked out!

VISIBILITY is sharp and clear!

It's up to 15° cooler on this porch in hottest weather! Sun-heat is blocked out, but vision remains excellent through

KOOLSHADE®

SUN SCREEN

KoolShade is a woven screen of tiny bronze slats that blocks sun's heat-rays without blocking light, air or vision. It protects furnishings from sun-fading, replaces insect screen, never needs painting. Your home can be up to 15° cooler, with plenty of cheerful glare-free light and air. Why fuss with expensive awnings or vision-blocking, breeze-resisting blinds? Find out about this new idea in summer comfort! Send for *free* sample today.



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B-W
PRODUCT OF BORG-WARNER

Check your kitchen

Begins on page 64



Range-side working space? You need a place to slice onions to put directly into the skillet, a place to line up seasonings or packages within reach of range. If your kitchen lacks enough counter space, pull-out boards will help. Or you may use one of the convenient roll-around worktables shown in last month's Better Homes & Gardens, page 71



Tools near range? You save steps if you can reach for a fork, pancake turner, wooden spoon, spatula, or potato masher without moving. Partitioned drawer is one answer. Or you may prefer hanging the tools on a wall rack over the range, or on hooks inside the cabinet door



A place for serving dishes by your range? Range-side serving area lets you line up platter and bowls to receive hot food. You may get added convenience from a breakfast bar running along back of the range since it can be used for either eating or plate-serving space

More on next page





"Personally, I prefer Columbia Venetian Blinds," she said

Many a home decorating expert has made that remark to young couples starting to furnish, to settled folks wanting a change for the better. The reasons are easy to understand:



- Columbia's decorative, rich-looking appearance makes you proud to own them.
- Columbia's enamel-coated slats (aluminum, or steel) are a joy to keep spotless.
- Columbia's satin-smooth working parts, completely enclosed in the handsome headbox, are superbly efficient, long-lasting.
- Columbia's "famous-fourteen" colors fit harmoniously into any color scheme, any furniture period.

The name "Columbia" on these Venetian Blinds is our promise of a product you'll be proud to own. Why not stop in to see these fine blinds at your nearest Columbia Authorized Dealer—the leading department and furniture stores and shade shops in your town.

Columbia VENETIAN BLINDS
WINDOW SHADES • LACE NET CURTAINS • LACE DINNER CLOTHS

HE COLUMBIA MILLS, INC. • 428 SOUTH WARREN ST. • SYRACUSE 2, NEW YORK

Check your kitchen

Continued from preceding page



Long work counter? It should be at least 24 inches. You need one unbroken counter roomy enough to lay out ingredients and put a meal together without feeling cramped. But too long a counter makes too many steps between major appliances; we suggest 48 inches as the maximum. Area between refrigerator and sink is best spot—ingredients and water are both within reach



Mixing aids on the spot? Battery of partitioned drawers under food preparation area saves useless steps. Top drawer can hold knives and small tools like can opener and spatula. Other drawers may furnish compartments for rolling pin, pastry blender, cooky cutters, salad and dessert molds



A place for each dish? Or do you have to stack plates mile high and juggle dishes to get what you need? Can you add extra shelves and divisions to organize your space better? The photograph shows one way to partition a cabinet. The cabinets are available in many convenient new designs

A ventilator? Located over range, it whisks away cooking odors and smoke, helps prevent film settling on the walls. Here's one type. Air is drawn through grill front; fan inside blows it out. Kitchen ventilating fans can be easily installed



You've waited long enough for that new carpet!

Now let your Bigelow dealer show you what you've been missing!





A whole wide world of choice is yours at your Bigelow dealer's. Elegant traditional motifs. Gay young modern designs. Rich-looking sculptured effects. Solid shades in exquisite textures! Pick your Bigelow from a whole garden-full of colors . . . and colors that never grew! *Today—have the fun of finding your favorite Bigelow Carpet!*

Above: A wonderfully adaptable small-pattern carpet, Bigelow's Fervak 9424. Around $7.50 a sq. yd.*

Prices to please your husband! Before he says, "Yes, we need a new carpet, but . . ." just tell him this . . . you have a wide choice of Bigelow beauties in *every* price range. Whatever you pay . . . from $5.95 a sq. yd. to a luxury-loving $18.95, you can't find finer value! *Today—compare with other carpets!*

Left: The essence of luxury underfoot—Bigelow's deep, pillow-soft Sonata 2103-3545. About $18.95 a sq. yd.*

For name of your local Bigelow dealer, call Western Union by number. Ask for operator 25.

A beautiful future that's woven right in! Those famous Bigelow good looks begin on the sheep's back, with top-quality imported wools. They're carefully blended for richness and year-after-year wear . . . carefully treated to retain their natural springiness. *Today—let your Bigelow dealer show you what a wonderful buy you get with a Bigelow Carpet!*

Right: Bigelow's Glentwist, 94040. Permaset for long-lasting beauty. About $10.95 a sq. yd.*

*Slightly higher in the West



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Rugs and Carpets

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Beauty you can see . . .
quality you can trust
. . . since 1825

Now at your grocer's

This sensational new and better wax-like cleaner for Glass and Silver

MADE BY BON AMI

LOOK FOR THE CHICK

...and it COSTS YOU LESS!



It's here! The most amazing cleaner you have ever seen! Useful in hundreds of ways, GLASS GLOSS cleans glass, silver and dozens of other things *faster, easier, better* than you ever imagined possible.

Months of research—countless laboratory tests—hundreds of comparisons by housewives are back of this great new product. GLASS GLOSS *had* to be better—had to be the *finest!* Final tests proved it to be all of that. And women agreed!

Witness the magic and ease of cleaning with GLASS GLOSS. See for yourself how dirt, tarnish, discoloration—just wipe away. No streaks! No smears! *No hazy after-cloudiness!* And the clear, glossy polish resists dirt.

Ask your grocer for GLASS GLOSS today. Compare the price—see how much less it costs. Then compare the *results!*



STARS 7 WAYS

- ★ Easier to apply
- ★ Dries faster
- ★ Wipes off easier
- ★ No after-cloudiness
- ★ Gives a high polish
- ★ Protects the finish
- ★ Costs less



Quickest, Easiest Cleaning Ever!

Just wipe it on—wipe it off. Windows, mirrors, all glass surfaces sparkle as never before! It cleans silver safely — without hard rubbing — and such a polish! Great for chromium, other metals, kitchen appliances.

Don't forget...

BON AMI POWDER—the fast, easy, safe cleanser for bathtubs and sinks—now has a new partner in GLASS GLOSS. Every home needs both these fine products.



frankly fancy

Party tricks with butter

Butter in fancy molds • Butter balls, curls, roll-ups • Honey butter • Garlic butter logs





To make fancy butter molds, pour boiling water over wooden molds; then drop them into ice water. Knead pieces of butter under ice water until pliable. Place butter in bottom half of mold. Put on top half of mold as shown, above left. Press chilled halves of mold together. Scrape off excess butter with knife so there won't be any waste



Open mold. Butter looks like sheaf of wheat. Molds, front row, are shaped like a chicken. Keep in refrigerator

More on next page



"I changed to Kerr it's easier, surer!"

More and more women each year are becoming Kerr fans. You will, too, when you learn about Kerr's easier canning methods and Kerr 3-way protection.



1. GOLD LACQUER:—Both sides of lid. *Exclusive* with Kerr. Won't crack or flake off. Food-acid resistant.

2. "CUSH-N-FLO" Seal:—A thick gray cushion that seals as it cools. Another Kerr *exclusive.* No retightening of caps necessary.

3. "SNUG-TITE" Fit:—Because KerrLids hug sealing surface of jar, giving an air-tight, effortless seal.

KERR SEAL TEST

Just tap lid after jar is cold. Clear "ring" tells you *instantly* that each jar is perfectly sealed.

FIT ALL MASON JARS



ALWAYS BUY QUALITY-CONTROLLED KERR JARS TOO!



Kerr JARS, CAPS and LIDS

"Self-Sealing"* Brand

*TRADE MARK REG.U.S.PAT.OFF.

World's Largest Selling Brand

FREE 24-Page Booklet "Let's Eat"—plus 100 FREE jar labels. New Recipes for using home canned foods, accepted canning methods, time tables.



Mrs. Ruth Kerr, President
Kerr Glass Mfg. Corp.
607 Main St., Sand Springs, Okla.

Dear Mrs. Kerr: Please send me your FREE booklet, "Let's Eat Home Canned Foods" and 100 FREE gummed jar labels.

Name _____

Address _____ RFD _____

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A THING OF *Beauty*
AND A JOY FOREVER!



Double Boiler
1½ qt. 2.25; 2 qt. 2.65

MIRRO
THE FINEST ALUMINUM

• MIRRO utensils brighten your kitchen with graceful, good-looking design. But, best of all, notice the MIRRO finish, next time you're in a store. That silvery polish, so high and glossy, will mirror every movement and catch every color in the room. So, don't worry about matching colors when you buy MIRRO.

And remember, MIRRO beauty is *lasting* beauty. MIRRO, with only ordinary soap-and-water care, will wear well for fifty years or more! So, money spent for MIRRO gives you good things to cook with *and* to live with, for a whole housekeeping lifetime.

Because you want loveliness that *lasts*... *get* MIRRO

ALL MIRRO UTENSILS promise you overall even heating ... quick cooling ... sturdy construction, of *thick* aluminum ... smooth interior surfaces for easy cleaning ... cool handles ... many exclusive worth-while features.

ALUMINUM GOODS MANUFACTURING COMPANY • MANITOWOC, WIS.
World's Largest Manufacturer of Aluminum Cooking Utensils

Get MIRRO *at department, housefurnishing, hardware stores, wherever dealers sell the finest aluminum.*

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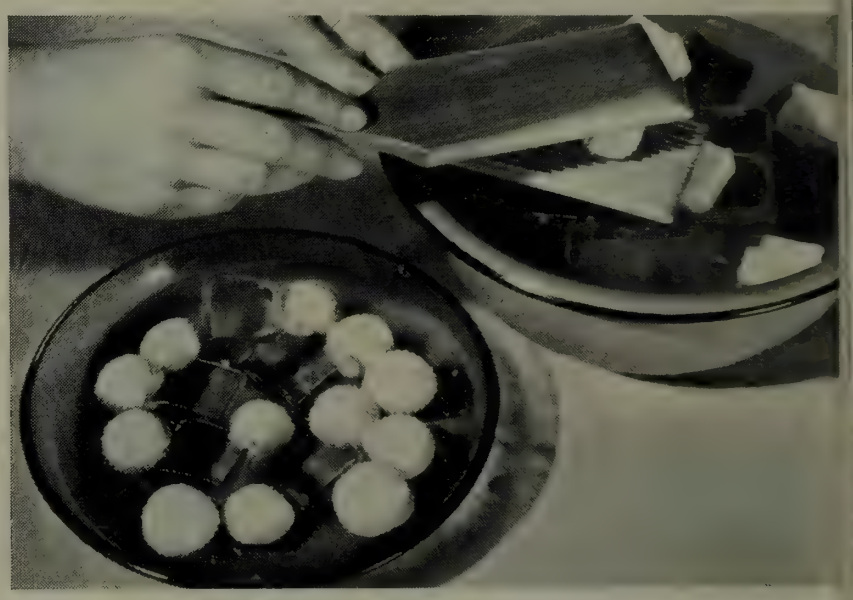
All prices slightly higher in South and West

Fancy butter

Begins on preceding page



1 To make butter balls, pour boiling water over wooden paddles. Let paddles stand in hot water a half minute, then dunk 'em in ice water



2 Cut 1-inch square pats about ⅓ inch thick. (Put piece of butter wrapper over knife to cut.) Butter should be firm but not crumbly. Shape pats into balls with fingers, then roll between paddles. Hold bottom paddle steady. Roll ball with top paddle using light circular motion. Put paddles in ice water after each use. Drop butter balls in ice water



To make butter curls, dip butter curler (gadget in picture) into warm water. Pull curler lightly over a pound or ¼-pound stick of butter. Butter should be firm but not too cold, or curls will break. Curls should be about ⅛ inch thick. Dip curler in warm water after making each curl

More on page 117

Why do it the hard way?

GET WINDOWS WITH

Thermopane

. . . they stay in the year 'round

Why include years of ladder climbing and wrestling with storm sash in the plans for your new home?

There's an easier way to insulate your windows . . . *Thermopane**—two panes of glass with dry air sealed between. Almost any type of wood or metal window you choose—double-hung, casement or others—are available with *Thermopane*. They open and close just like sash with ordinary single panes.

But what a difference—in year-round comfort. In fuel savings. Freedom from downdrafts. Freedom from frosted or steam-covered panes.

With *Thermopane* you enjoy all these benefits—plus the lazy satisfaction of never giving a thought or muscle to storm sash. And your window washing is cut in half.

Talk to your builder and architect about putting *Thermopane* in every window of your house when you build or remodel. Write for our book about this really modern windowpane.

*®

L O F *Thermopane*

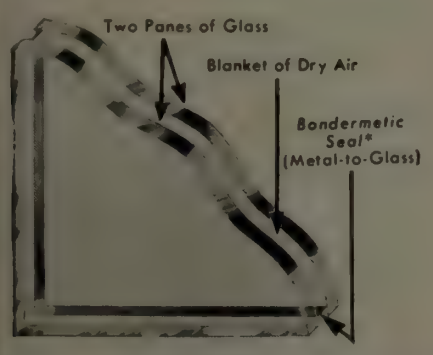
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LIBBEY · OWENS · FORD

GLASS COMPANY

1869 Nicholas Bldg.

Toledo 3, Ohio





For better vision, use *Thermopane* made with *plate* glass of ⅛" or ¼" thickness



Want a built-in home freezer in your new refrigerator?

Ask your Frigidaire Dealer to show you the newest model of America's No. 1 Refrigerator—and learn why Frigidaire has been chosen more than 10 million times!





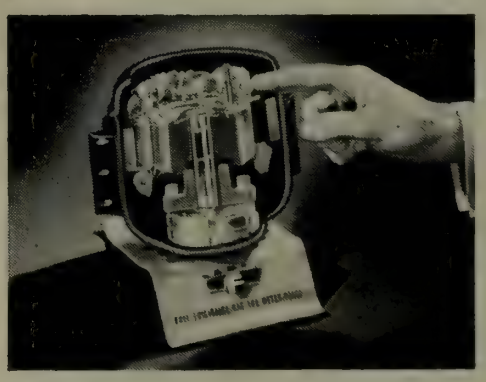
ow much fits into the Locker-Top of this new Frigidaire Cold-Wall Imperial!

Here's the newest and the finest of all Frigidaire Refrigerators—the Cold-Wall Imperial. You'll find more than 2 cubic feet of freezing space behind the separate door of its Locker-Top—room for 70 pound-packages. There are two 5-quart Multi-Purpose Trays—and plenty of ice-making and ice-storing capacity even for big families!

In the famous Cold-Wall compartment you'll see the handier new arrangement of shelves—and the new plastic Basket-Drawer for small things. Uncovered foods stay fresh and flavorful for weeks in this *really* moist Cold-Wall compartment. Chilling coils are right in the walls—no defrosting is needed. The Cold-Control keeps temperatures just right both in this compartment and the Locker-Top!

The 3 types and 9 new models of America's No. 1 Refrigerator let you choose the one that suits you best—in size, price and features. Only in a Frigidaire Refrigerator, the one that's different from all others, will you find the simplest cold-making mechanism ever built—the Meter-Miser. You'll find, too, the benefit of Frigidaire's experience in building more than 10 million refrigerating units for homes and business—greatest assurance in the world of lasting satisfaction.

Listen to Frigidaire's New Lum and Abner Show, Sunday Nights, on your Columbia Station



No other refrigerator has this—the Frigidaire Meter-Miser. Built like a fine watch, it leads a long, care-free life—without belts, gears, oiling, without attention, and with very small use of current!



These gleaming shelves will stay this way—their finish can't get dull. The tip-proof aluminum shelves and split-shelf are adjustable for difficult-to-store foods.

Plenty of ice-making capacity—and plenty quick! 4 Frigidaire Quickube Trays fast-freeze 8 lbs. of cubes—and they come out of the trays at the touch of a lever. No ice cubes melted and wasted.





Extra-moist cold to keep fruits and vegetables fresh extra-long—it's yours in this full-width Frigidaire Hydrator. It's glass-topped—holds two-thirds of a bushel!

FRIGIDAIRE Refrigerators

More than 10 million built and sold!

Your Frigidaire Dealer will also demonstrate for you the Frigidaire Electric Ranges, All-Porcelain Automatic Washer, Kitchen Cabinets and Sinks and other appliances for better kitchens and laundries.

Look up the name of your Frigidaire Dealer today—in the Classified Phone Directory; or write Frigidaire Division of General Motors, Dayton 1, Ohio. In Canada, Leaside 12, Ontario.

ancy butter

Continued from page 114



To make butter roll-ups, cut pats 1/3 inch thick. Dip paring knife into hot water. Shave opposite corners toward center as shown above. Hold knife at a sharp angle so butter will curl. Tuck a tiny piece of parsley in each open end or on top where the folded corners meet



Whipped butter is specially good with pancakes, waffles, or biscuits and is a gala butter stretcher, too. To make it, cream butter with a wooden spoon, or better still, with your electric mixer, till it's light and fluffy. For **Whipped Honey Butter,** add honey gradually to butter as you beat it. You will need 1/2 cup honey for each 3/4 cup butter



To make garlic butter logs, crush a clove of garlic with a pinch of salt. Cream in 1/2 cup butter. Shape in log; roll in minced parsley. Wrap in waxed paper and chill. Serve on filet mignon or hamburgers. With fish, serve **Lemon Butter Logs:** 1/2 cup butter, 2 tablespoons lemon juice

COSCO Utility Tables



(Right) **Model 8-A:** Enamel legs with gliders.

(Left) **Model 8-B:** Enamel legs with casters.

Model 8-C: Chromium legs, casters.

(Right) **Model 8-D:** Drawer, enamel legs.

Model 8-E: Full-width drawer, chromium legs and large, free-rolling casters.

lighten your work!
brighten your home!

Five models—five gay colors—with spacious, 17″ x 24″ top. Easy-to-clean, baked-on enamel finish resists chipping, scratching and staining. Supremely convenient in kitchen, laundry, nursery—anywhere in the house. See Cosco Utility Tables—*get one*—at leading department, furniture, appliance or hardware stores *everywhere* . . . $7.45 and up.

HAMILTON MANUFACTURING CORPORATION • COLUMBUS, INDIANA

By the Makers of COSCO Household Steels





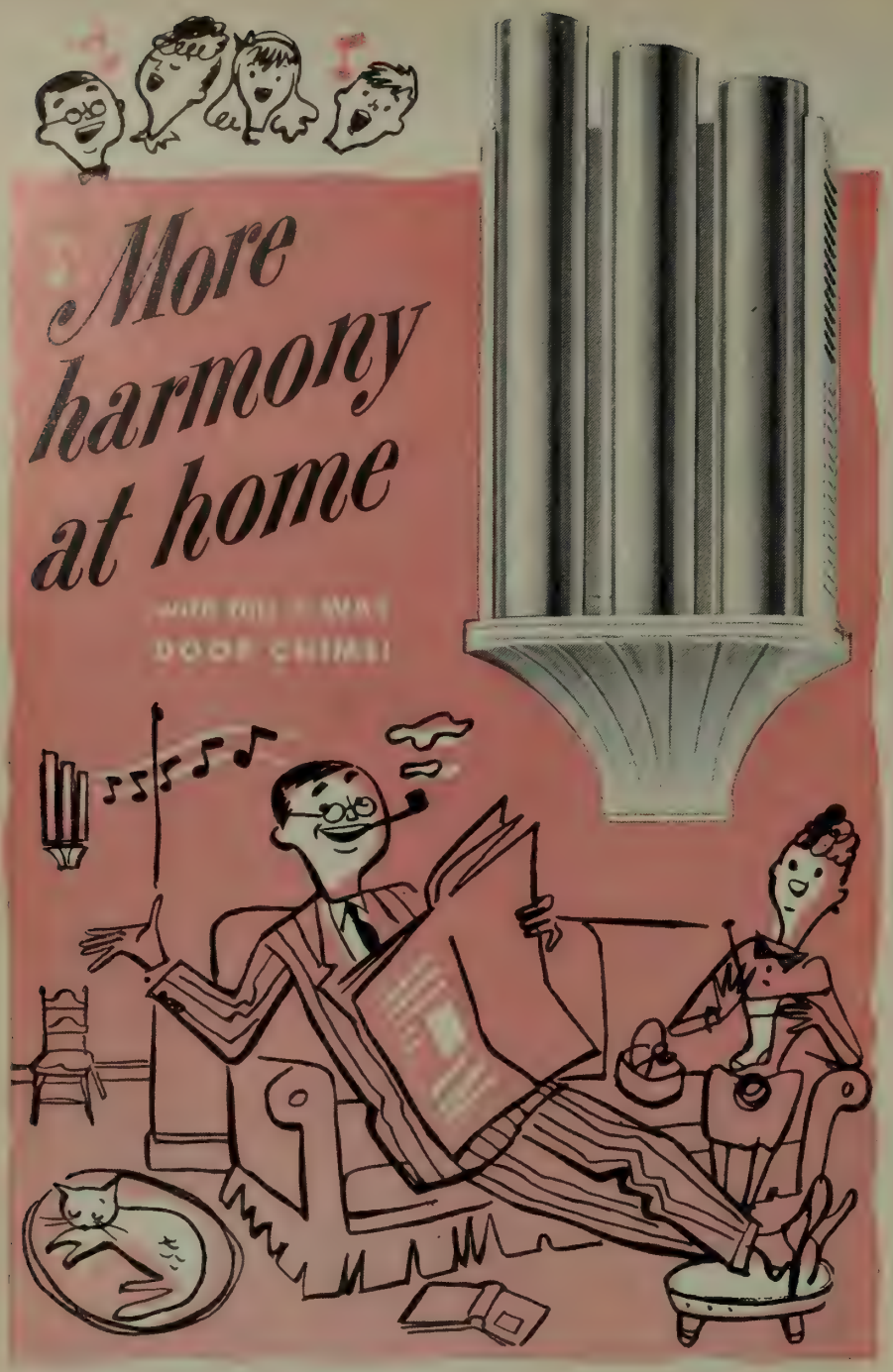
A PARTY-DAY SET *at an everyday price!*

Salem Dinnerware brings you colorful, attractive patterns in modern or traditional modes . . . to match your furnishings and your heart's desire. So reasonable in price you'll wonder why you did without . . . so fine in quality you'll use Salem for "best". See Salem today at your favorite store.

SEND 10¢ TO DEPT. C FOR BEAUTIFUL BROCHURE.

American Dinnerware of Distinction

THE SALEM CHINA CO.
SALEM, OHIO



1. No more door-bell nerves! Home sweet home's no place for "battle-station" sound effects! Let a CHORDETTE Door Chime greet your guests with its soft, clear harmony chord . . . a musical note of welcome sustained as long as the button is pressed.



2. No more "guess which door"! Only the CHORDETTE gives you *three* distinct signals. For the service door, use the Chordette's *second* signal—two symphonic notes in sequence.



3. No more yelling upstairs . . . when the call's for Sis. CHORDETTE'S *third* signal, a single note, is a perfect telephone "pager"! Saves voices, steps, tempers!

EDWARDS Door Chimes

see and hear Chordette III

at hardware, electrical, building supply or department stores. Styled by noted designer, Lurelle Guild. Mahogany and brass or chrome and white, *$7.95.*

Edwards Company, Inc., Norwalk, Conn.
In Canada: Edwards of Canada, Ltd.

Berry–delicious

Begins on page 61

Golden Lemon Cake

- 1⅛ cups cake flour (1 cup plus 2 tablespoons)
- ¾ cup sugar
- ½ teaspoon salt
- 1½ teaspoons baking powder
- ¼ cup salad oil
- 2 unbeaten egg yolks
- ⅜ cup cold water (¼ cup plus 2 tablespoons)
- 1 teaspoon vanilla
- 1 teaspoon grated lemon peel
- ½ cup egg whites (4)
- ¼ teaspoon cream of tartar

Sift dry ingredients into mixing bowl; make a well in dry ingredients. Add salad oil, egg yolks, and grated lemon peel in order given. Beat until satin smooth. Combine egg whites and cream of tartar in large mixing bowl. Beat until they form *very stiff peaks* (stiffer than for meringue or angel cake). Fold egg-yolk batter gradually into egg whites. Bake in 8- or 9-inch square pan in moderate oven (350°) 30 to 35 minutes. Split in layers. Spoon Strawberry Ice Cream between layers and on top. Top with whole or half strawberries.

Strawberry Ice Cream

- 1 tablespoon (1 envelope) unflavored gelatine
- ¼ cup cold water
- 2 well-beaten egg yolks
- ¾ cup sugar
- ¼ teaspoon salt
- 1½ teaspoons vanilla
- 2 cups crushed strawberries
- 2 cups top milk or light cream

• • •

- 2 egg whites
- ¼ cup sugar

Soften gelatine in cold water; dissolve over hot water. Combine egg yolks, sugar, salt, vanilla, berries, and top milk. Add dissolved gelatine. Mix thoroughly. Freeze firm in refrigerator tray. Beat egg whites; gradually add the ¼ cup sugar; continue beating until stiff, and sugar is dissolved. Break frozen mixture in chunks with wooden spoon; turn into chilled bowl; beat fluffy-smooth with electric or rotary beater. Fold in egg-white mixture. Return quickly to cold tray; freeze firm. Serves 8 to 10.

Strawberry Glaze Pie

You will need 1 quart strawberries. To 3 cups of the whole, big berries, add ½ cup confectioners' sugar. Let stand 1 hour. Crush the remaining 1 cup smaller berries and cook with 1 cup water about 2 minutes. Sieve. Mix 1½ tablespoons cornstarch with ½ to ¾ cup granulated sugar, according to natural sweetness of berries. Stir into the berry juice. Cook gently until clear, stirring constantly. Add a little red food coloring if needed. Fill cooled, baked 8-inch pie shell with the berries. Pour hot sauce over. Cool. Spoon fluffy whipped cream around the edge of the pie.

Raspberry Floating Island

Beat 2 egg yolks and 1 whole egg with ¼ cup sugar until lemon-colored; pour 2 cups scalded milk slowly over eggs. Cook in double boiler until thick and smooth, stirring constantly. Remove from heat immediately and cool; add 1 tea-



Women everywhere praise this time-saving kitchen aid . . . because it assures tender, flaky pie-crust and pastries every time! No need to chill the dough. Simply fill PYCRUST with ice or cold water . . . *and roll the cold right into the dough.* So many different uses for your PYCRUST, you'll wonder how you ever managed without it!

★ Keeps Pastry Dough Properly Chilled!
★ Perfectly Smooth, Hard Rolling Surface!
★ So Easy-to-Clean, Inside and Out!
★ Strong, Sturdy and Crystal-Clear!

Guaranteed by Good Housekeeping

Throw away your old-fashioned rolling pin and get an easy-to-use PYCRUST today! If your dealer can't supply you, send 59c for one, shipped prepaid.

C-E Co., Dept. 6149, 1020 W. Adams St., Chicago, Ill.

No Comparison

Johnny had finished one heaping bowlful of his favorite cereal, hot Grape-Nuts Wheat-Meal, and was helping himself to another, just as large.

"Don't take more than you can eat, Johnny," cautioned his mother. "Remember, sometimes your eyes are bigger than your stomach."

"Don't be silly, Mommy!" replied young John with scorn. "I can get two bowls of hot Grape-Nuts Wheat-Meal into my stomach easy—and I couldn't get even *one* bowl into my eyes."

NO WASHING • NO DRYING • NO BREAKAGE • NO HELP OR HUBBY NEEDED FOR DISHES

PAPER PLATES Save You Plenty

PAPER PLATE ASS'N, ROOM 3702A, 122 E. 42nd ST., NEW YORK 17, N.Y.

Edlund EGG BEATERS AND MODERN KITCHEN TOOLS

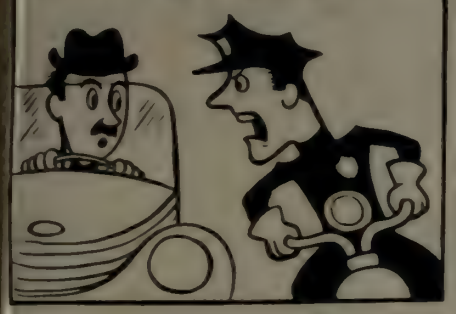
Sturdy, perfectly balanced. Made to stand hard usage. Easy to clean. At all kitchenware outlets. Replacement guarantee.

SO SMOOTH!

NUTS GIFT PACK GROWER TO YOU!

For gourmets only! Famous Blue Diamond California almonds, mammoth hand-selected meats, every kernel perfect. Special 5-lb. Gift Pack for family, friends, business associates. Luscious for munching, salting. Add to any recipe. Shipped prepaid, $4.25. Calif. Almond Growers Exchange, Sacramento, Calif. Enclose card with gift orders. No C.O.D.'s, please.

"PULL OVER, BUB...

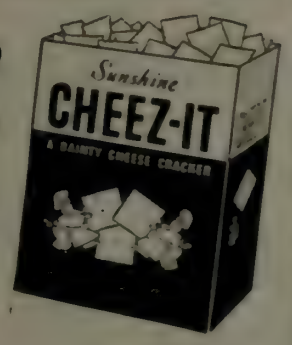


and enjoy that swell cheese flavor of CHEEZ-IT"



GOOD any old time!

America's largest selling cheese cracker!



A Quality Product of Sunshine Biscuits, Inc.

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spoon vanilla. Sweeten 1 pint crushed raspberries with ½ cup confectioners' sugar. Gradually add 3 tablespoons granulated sugar to 2 stiff-beaten egg whites and continue beating until meringue forms peaks. Chill custard, berries, and meringue separately. Alternate layers of custard and berries in sherbet glasses. Top with a swirl of meringue. Serves 6.

Strawberry Bavarian Cream

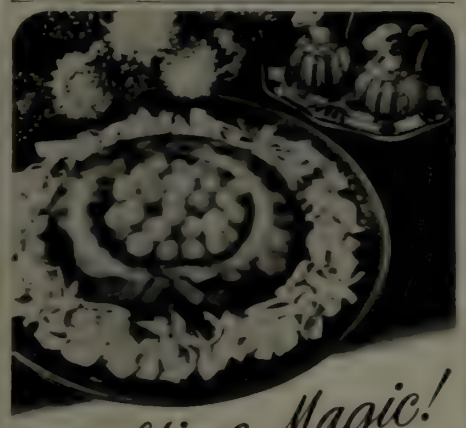
1 tablespoon (1 envelope) unflavored gelatine
¼ cup cold water
½ cup hot water
1 cup crushed strawberries
¾ cup confectioners' sugar
1 tablespoon lemon juice
1 cup heavy cream, whipped
Whole berries

Soften gelatine in cold water; dissolve in hot water. Chill until partially set. Beat until frothy. Combine berries, sugar, and lemon juice; mix well. Stir into gelatine mixture. Fold in whipped cream. Chill in oiled 1-quart mold until set. Unmold and garnish with whipped cream and whole berries. Serves 6.

Snowballs

2 tablespoons (2 envelopes) unflavored gelatine
½ cup cold water
2 cups hot water
1½ cups sugar
½ cup lemon juice
3 stiff-beaten egg whites

Soften gelatine in cold water; dissolve in hot water. Add sugar; stir until dissolved. Add lemon juice. Chill until partially set. Beat until frothy. Fold in egg whites. Pour into oiled custard cups. Chill until firm; unmold. Serve with Custard Sauce. Garnish with whole or half strawberries. Serves 8. **Custard Sauce:** Combine 3 beaten egg yolks, dash of salt, and ¼ cup sugar. Gradually stir in 2 cups scalded milk. Cook over hot water until mixture coats spoon, stirring constantly. Remove from heat; add 1 teaspoon vanilla. Chill thoroughly. Makes 2¼ cups.



Mealtime Magic!

FRITOS FRUIT SALAD MOLD

Refreshing fruit and melon molded in cool, shimmering gelatin—ringed with crisp golden FRITOS, the corn chips all America likes best. Quick, simple, delicious—treat your guests or family to FRITOS every day—with salads, cold beverages, snacks. Ready to serve and eat!

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2600 CEDAR SPRINGS
DALLAS, TEXAS



America's Favorite Corn Chip

ALWAYS BUY *Aristo-mats*

To protect your stove top from heat, scratches, nicks, chips and stains

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PHOENIX TABLE MAT CO. CHICAGO 7

Shear speed

Making sandwiches for a big crowd? You can trim the meat to fit the bread in a jiffy if you use a pair of kitchen scissors.—*Mrs. G. W. Remsen, Rockford, Illinois.*



one-hand operation
makes it easiest to use!



the New
HAMILTON BEACH *Food Mixer*
...with ***Mixguide***



Mixguide puts speed control right under your thumb. Right under your eye, magnified for flash reading, are these ten scientifically tested speeds:

1 SLOW MIXING
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3 HEAVY BATTERS
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6 WHIP CREAM
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8 CANDY, BEAT EGGS
9 COOKED ICINGS
10 ATTACHMENTS

NO OTHER MIXER is as *easy to use* as the new Hamilton Beach. It alone gives you *one-hand operation.* You hold the beater unit in one hand, set the speed with your thumb.

AND ONLY Hamilton Beach gives you *one-hand portability.* Its beater unit glides off the stand for use anywhere. No tricky catch to release, nothing to detach. Easy off, easy on!

YOU GET still another Hamilton Beach *exclusive* in *finger-tip bowl* control. You blend all ingredients evenly by simply shifting the bowl while beaters and bowl are revolving.

LOADS OF other *extras* make Hamilton Beach the *easiest of all mixers to use.* Full power even in heaviest batters. Balanced handle that really fits your hand. Grooved mixing bowls that are easy to lift, that guard against slipping.



TO BE SURE, it costs more to bring you all these work-saving features. Yet you pay no more. Let your dealer show you all the advantages of the new Hamilton Beach—*America's easiest-to-use mixer.* Hamilton Beach Co., Div. of Scovill Mfg. Co., Racine, Wis.

Made by the makers of top-value Hamilton Beach Vacuum Cleaners.

$38.50

($39.25 west of Rockies.) Includes free-flowing juice extractor and two mixing bowls.

Sooner or later comes the time when your last son or daughter leaves. Then begins a new life together that can give you the most rewarding companionship you've ever known

When you have only each other

By Georgia Reed

The confetti was gone. Jim and I had used the vacuum cleaner everywhere we could and the broom where we couldn't. We had used dusters and damp cloths and mops, upstairs and down. And, when the rake left sparkling trails of confetti behind it, we took the vacuum cleaner out on the grass.

Now the confetti—like our twin daughters on their cross-country honeymoon—was gone; the double wedding we had lived and breathed for was over, and Jim and I were at liberty to take up normal life again.

So, after supper that first night in a tidy house, Jim lit the fire in the living room and, gathering up the paper, sank into his big chair. I tucked a pillow under the small of my back and settled down on the couch with a book that a neighbor had lent me—how long ago I hated to think. The sound of the crackling fire, broken only by the occasional rustle of a turning page, was pleasant and peaceful.

And the silence of the empty house was peaceful, too, until—through the pages of my novel—I began to *hear* that silence. It echoed in the hall beyond the door. It resounded through the rooms overhead where there were no passing footsteps, laughing voices, or slamming trunk lids. It seemed to come up in waves from the playroom beneath, where lights were not lit, the phonograph was not going and no young voices were raised. It reverberated and echoed all that evening and the following day and the day after that. It became peopled—and not only with the laughing, trunk-shutting daughters of the immediate past!

At breakfast time, when I stooped to plug in the toaster, my hand rested on scratches across the end of the buffet—relics of a long ago high chair that rubbed against it. Instantly, a blue-eyed cherub seemed to be laughing up at me. The curved handle of a baby spoon was gripped tightly in her fat little fist. She banged her spoon gaily on the delightful drum top made by the tray of her high chair. "More egg! More egg!" she demanded. And I fled.

I pulled out the piano bench to dust beneath it and it seemed heavy—as though encyclopedias piled upon it raised a sedate little girl to piano height. She bit the end of her small pink tongue as her fingers searched the keys. Then the tune of "The Farmer's Boy" echoed distantly through the room, and I fled again.

More than once, as I climbed the stairs, I snatched my hand from the bannister to make way for an imaginary rush of skirts and curls and fat, pink legs sliding past in delighted descent. And the telephone! Even as the bell would ring, I'd seem to hear, "I'll go, Mother!" or "I've got it!"

That telephone! It rang at any and all hours. Kindly people who remembered that we'd be alone for the first time in many years, called with all sorts of suggestions for diversion. I told them honestly and as graciously as I could that we were too tired from all of the wedding activities to say "yes" to anyone. So the phone rang less and less often until it, too, just added to the silence that was everywhere.

Then, one evening, when Jim had only skimmed the sports page, he straightened and with a sharp crack of his paper, folded it in half and dropped it on the floor beside him. He fiddled with the fire for a minute and then crossed the room to lift the heavy, flowered curtains that we draw across the windows on chilly nights. Rain streamed down the window pane that evening and drummed on the porch roof. For a minute Jim looked out and listened. Did he hear only the rain, I wondered as I watched him, or did he hear the silence too? He dropped the curtain and turned.

"Funny, isn't it? With just the two of us! It wasn't lonely before!"

He was right! We had never been lonely in the old days when there had been only the two of us. Was there a tangible reason? Eagerly I turned back through the pages of my mind and a picture of one of those pages flipped into view. It was a picture of Jim and me sitting by the living-room window of our long ago two-rooms-and-bath. We seemed to be laughing as we bent over a table that was scattered with cards.

Sitting up straight, I swung my feet down from the couch. "Cribbage!" I exclaimed.

"Cribbage?" Jim brightened perceptibly. "Fine! Haven't had any of that for a whale of a time."

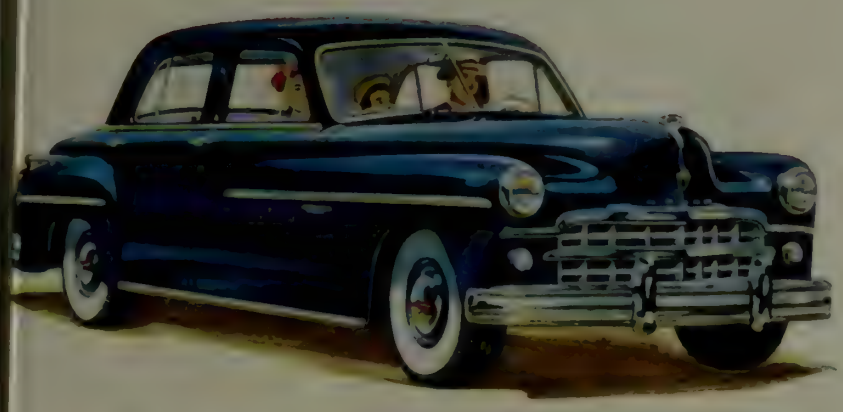
And it *was* fine to sit by the open fire, count our "15's" and our "goes" and move the colored pegs in the holes of the cribbage board that we hadn't used for so long we felt awkward with it. Truth to tell, we felt awkward with each other, too. Of course, we'd been right together all the years of our housekeeping but what with the cooking and cleaning, washing and ironing, mending [*Turn to page 241*

RIDE *in the new Dodge!*

..TWO DARING NEW MODELS THAT EVERYONE'S TALKING ABOUT

Bigger Three Ways

LONGER on the inside . . . SHORTER outside!
WIDER on the inside . . . NARROWER outside!
HIGHER on the inside . . . LOWER outside!



***The Exciting New Dodge* MEADOWBROOK**

Here's the car that dares to be different!

It's the new Dodge—bigger three ways! Longer . . . wider . . . higher on the *inside* to give you extra head room and leg room. Yet on the *outside* it is actually shorter, narrower, lower to make all handling easier!

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KNEE-LEVEL" SEATS give the nat- ral distribution of body weight t makes the modern living om chair so comfortable.



DOORS OPEN WIDE—you step in or out without wrinkling or mussing clothes. Arm rest is on door . . . out of way.



"GET-AWAY" ENGINE—for flashing pickup, faster acceleration. High-compression engine gives greater gasoline economy.

The Daring New

DODGE

***gyrol* Fluid Drive *plus* GYRO-MATIC**

Frees You from Shifting

OPTIONAL ON CORONET MODELS



so Beautiful

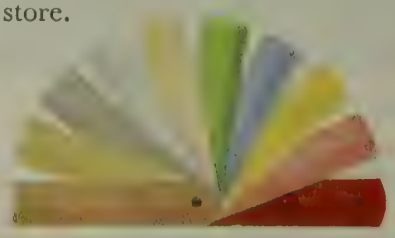
AND SO EASY TO CLEAN

Of course you want the decorative beauty and advantages that only Venetian blinds can give your home. But you want easy cleaning, too.

The smooth, non-porous finish of blinds made with Acme Galva-bond steel seals out grimy dirt and stains. And quick dusting is so easy . . . each slat bends, then springs back into perfect shape.

All this and *enduring* beauty too, because each slat is galvanized and bonderized.

Look for—insist upon—the Acme Galva-bond seal on the blinds you buy at your local blind dealer or department store.



Your choice of beautiful decorators' colors

VENETIANS OF ACME

Galva-bond

STEEL



Look for this seal when you shop for Venetian blinds

A house that lets you rest

Begins on page 40

of fireside they had always dreamed of on winter evenings, and an interior that welcomed friends to come in and relax.

Mr. Field called in architects Rindge and Rindge and talked fishing until they gathered that he wasn't interested in housework any more than was Mrs. Field, who had decorator Inez Huege help her plan the remodeling as "a woman's dream of easy housekeeping."

When the Fields decided to try a new way of living in the country, they knew that they couldn't escape housework merely by building a small house. In the first place they prided themselves on a well-kept home, and in the second place they liked to entertain often. They have found that their remodeled home stays cleaner longer and that they entertain oftener with less effort. Careful planning made that result possible.

Walls in the living room were left in the original wood siding and finished a soft yellow with a flat paint. Asphalt tile was used instead of carpeting on the entire floor. Twice-a-year waxing keeps the tile glowing, and a dust mop whisked over the tile each morning keeps it clean.

Throw rugs used in the living

[*Turn to page 125*



In winter, when the river outside their door is frozen over and the woods are weighed down with snow, this fireplace is the favorite gathering spot for the Field family and friends. Apples sizzle in the cup-like tops of andirons and the aroma fills the room when the fire is roaring in old-time country-house tradition. Door at right of entrance leads to full-size guest bathroom. Winding stair leads to two bedrooms and bath



Pine-paneled cupboards make the kitchen as friendly as the rest of the house. Electric dishwasher and waste disposal unit help cut housework

Visit your Youngstown Kitchen dealer and see this gleaming, white-enameled steel beauty—*exactly* as illustrated. It's so easy to own!

Dream kitchens with wished-for price tags



Beautiful 66" twin-bowl Kitchenaider-Mullinaider Combination (one of 10 models). Dishwashing and food preparation are wonderfully easy. Five drawers, two huge compartments. One-piece top of *finest, acid-resisting porcelain enamel.* Sparkling white finish blends perfectly with any color scheme.

THERE'S more pleasure for your family in a Youngstown Kitchen than any other home equipment.

A gorgeous kitchen of lifetime, white-enameled steel that's *just right for you* is created by arranging a Youngstown Kitchenaider cabinet sink with base and wall cabinets and accessories. No costly remodeling!

This month Youngstown dealers are featuring the lovely kitchen shown above. Stop in and see the work-saving, 48" twin-bowl Kitchenaider with *laundry-deep* second bowl (11"). Note the lavish storage space, wide work areas . . . the "extra touches" you're *sure* to want. Then you'll know it's Youngstown for you, whether you build or remodel.

The price is like a wish come true. A Youngstown Kitchen costs only a FEW DOLLARS a month financing through dealer or bank. *No wonder Youngstown is the unquestioned kitchen leader!*

To learn the name of a nearby factory-trained dealer call Western Union by number and ask for Operator 25 . . . or send coupon.

MULLINS MANUFACTURING CORPORATION
WARREN, OHIO
World's Largest Makers of Steel Kitchens

Youngstown Kitchens
BY MULLINS



Like magic! Mullinaider electric garbage disposer sends food waste down the drain. Fits all Kitchenaiders. Safe and sanitary! FREE home demonstration.



See the swinging mixing-faucet and speedy rinse spray. Spray reaches all parts of sink top. Great for dishwashing and cleaning vegetables. Typical Youngstown value. See your dealer!

GET THIS EXCITING BOOKLET!

20 pages featuring beautiful Youngstown Kitchens in color. Full details of Youngstown units and tips on arranging a new kitchen. Enclose 10c in cash. No stamps, please.

I plan to build ☐

I plan to remodel ☐

I want a free home demonstration of the Mullinaider ☐

SEND COUPON TODAY!

Youngstown Kitchens
Mullins Manufacturing Corporation
Dept. B-649, Warren, Ohio

Please send me your Youngstown Kitchen booklet. I enclose 10c in ca to cover cost of mailing.

NAME (PLEASE PRINT)

ADDRESS

CITY ZONE

COUNTY STATE

sun-bright for summer!



Picnic at home with this summer-bright Daystrom furniture that's made for modern living. You'll love the new settee! In three units, its personality changes to suit your whim. Fit it flat against a wall, curve it around a corner, or make three chairs of it! New, too, is the cordial club chair that's welcome in bedroom, living room or den. All richly upholstered in gay-hued Duran, so handsome and long wearing. Washable, too! Settee, $134.50*. Club chair, $27.50*. Stool, $8.95*.



mealtimes merry with this lighthearted dinette set.
ceful table is tidily topped with satin-smooth plastic, made
wear and easy care. Swishes clean in a jiffy with a damp
es, that's Duran on the comfort-curved, spring-seated chairs
l and washable, too! All Daystrom furniture is designed in
leaming chrome *electroplated* on sturdy steel. At department
iture stores everywhere. Ask for it by name. Daystrom
ets can be purchased from $49.95* to $144.50*.
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for casual living—featured by stores from coast to coast

-it's DAYSTROM furniture!

Don't worry! All Daystromite table tops are laminated plastic —resist heat, scratches, stains! They're even cigarette-proof!



AN AFF ASSOCIATE

OM CORPORATION, Olean, N.Y. Daystrom Pacific Corporation, Pasadena, Calif.

A house that lets you rest

Continued from page 122

room for warmth and hominess are small enough to be sent to the laundry. All the windows have lined cotton or linen draperies that get periodic cleanings and an occasional shaking out of doors on a windy day, all the care they need to keep them fresh looking. Company table linens went into storage, in favor of colorful place mats and napkins that don't require special care in washing and ironing. To save washing and ironing time, Mrs. Field uses ordinary dress ruffling thumbtacked to the kitchen window frames instead of curtains.

Serving buffet style, the Fields eliminate much of the work that can take the joy out of entertaining. An automatic dishwasher and a garbage disposal unit were included in their worksaving plan and have paid handsome dividends in leisure.

In the two upstairs bedrooms, pine paneling eliminates the need for papering and painting. Waxed floors and small rugs help keep vacuuming to a minimum.

Mr. Field wanted to limit his lawn mowing, hedge trimming, and hoeing, so only the front and side lawns are landscaped. The largest and best part of the Fields' time is spent in enjoying their home.



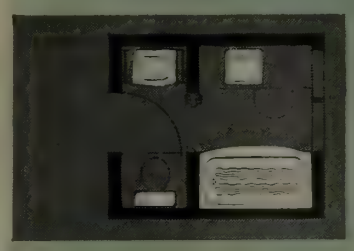
A dormer cut into the south side of the steep, pitched roof of the original boathouse loft made possible this cheerful, sunny bedroom of Mr. and Mrs. Field. White paint gave sewing machine a quaint Victorian look, made it a decorative piece. Room colors are yellow, coral, and white



The Fields planned their second bedroom for their son, Charles, and for guests. Waxed pine floors, cotton rugs, and walls paneled in pine left its natural color, shellacked, and waxed are easy to keep clean



One-and-only Safety-Bottom bathtub... another reason why Briggs Beautyware is be



To each his (or her) own

Here's how to make *one* bathroom do the work of *two*! Put in one of those much-talked-about Briggs vanity lavatories in the same soft green as the other important Briggs Beautyware plumbing fixtures. It's the only sure way to get "big bath" quality in a limited space! For Briggs Beautyware is styled along the newest space-saving lines. Every fixture is *stainproof* . . . fittings are tarnish-proof chromium-plated . . . for easier cleaning now, permanent beauty for years to come. *Yet they cost no more than ordinary fixtures!* See them for yourself in all the dreamy new colors at your local plumbing dealer's. And for more big-ideas-on-a-little-budget send for this free Briggs Beautyware booklet. Briggs Mfg.Co., 3007-f Miller Ave., Detroit 11, Mich.

BRIGGS
Beautyware
PLUMBING FIXTURES





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Is there another sofa bed that keeps its secret like this?



s hard to believe—but this decorator-styled sofa is an "extra bedroom" too! That's the secret of Hide-A-Bed!*

And what a secret it is! At night, like magic, this daytime beauty is trans-rmed into a *double* bed . . . with a *full-size,* full-thickness Simmons inner-ring mattress!



easy to open your Hide-A-Bed—it's scientifically counterbalanced. And how you can get into bed from *either side,* too! As for bedding—look! In morning, you make up your Hide-A-Bed, then fold it away, all ready for evening! *Important:* Hide-A-Bed has a *steel* frame for durability!

No other sofa bed can match the striking good looks of Hide-A-Bed! It's an exclusive Simmons product.

You choose from many styles and fabrics. Illustrated: the Hide-A-Bed *Modern,* in Goodall Satin Mohair Print, designed especially for Simmons. —and priced at $269.



Sleep is wonderful on a Hide-A-Bed, because you sleep on a Simmons inner-spring mattress! Hide-A-Bed prices start at $198. Now available—the famous Beautyrest mattress in *any* Hide-A-Bed you choose! All prices slightly higher West of Rockies.

y SIMMONS makes HIDE-A-BED

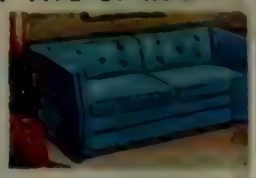
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K REG. U. S. PAT. OFF.

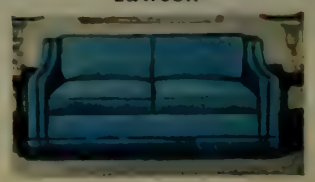
A STYLE FOR EVERY TYPE OF ROOM



Lawson



Modern Tuxedo





Confessions of good cooks

To use up leftover cake, cut in finger lengths, roll in undiluted evaporated milk, then in coconut, and toast in a moderate oven (350°).—*Mrs. B. F. Nash, Topeka, Kansas.*

Place a hot-pan holder under the bowl in which you are beating a mixture with a rotary beater. It will muffle the noise and help keep the bowl from slipping.—*Mrs. F. J. Ramsdell, Oakland, California.*

To use up the last of the salad dressing in the jar, add a little vinegar, cream, and your favorite seasonings. Shake well. Pour over green salad.—*Mrs. Gladys E. Leavitt, Mancos, Colorado.*

When you have oven spills, sprinkle salt on them, then a little cinnamon. Instead of acrid smoke, you get a pleasant fragrance. Clean oven after it has cooled.—*Mrs. Margaret O'Connor, Sioux City, Iowa.*

Slice hard-cooked eggs smoothly and quickly by holding a thread taut between the fingers of each hand. Force the thread downward through the egg. This trick is in lieu of an egg slicer.—*Mrs. R. Moore, Long Beach, California.*

For a small amount of lemon or orange juice, puncture lemon or orange with a fork and squeeze out just the amount you need.—*Mrs. T. H. Miller, Springfield, Massachusetts.*

Hasten the thawing of ground meat which has been frozen by sprinkling the amount of salt you want for seasoning over the top of the frozen meat. It will be ready to shape into patties or meat loaf much sooner.—*Mrs. J. T. Shields, Cheyenne, Wyoming.*

Photograph: Photography, Inc.



Flower Garden Cake ↑ is for a summer dinner centerpiece or birthday party. Cover cake with pastel-tinted frosting, then "plant" short lengths of macaroni in the frosting. Stick sweetpeas, bachelor's buttons, or other small flowers in the macaroni tubes. Put several flowers in a small bunch in the center of the cake.—Mrs. Albert Henn, Ableman, Wisconsin

More on next page

NEEDLETUFT · BEDROOM

crisp and new... thrifty too!



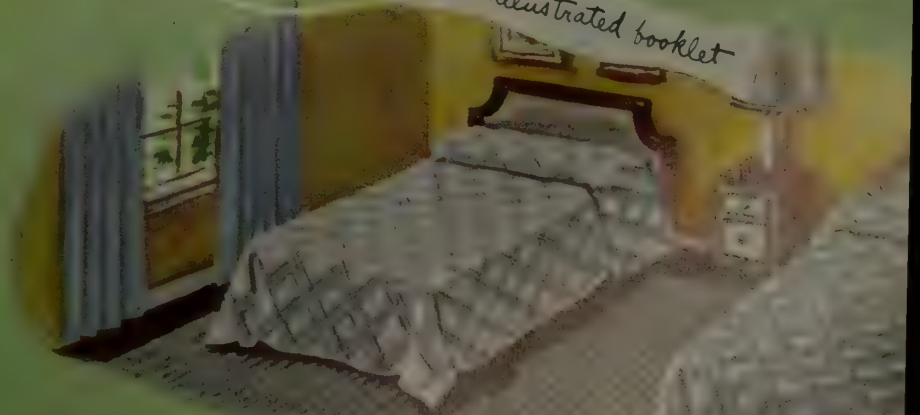
Smartly tailored Needletuft Bedspread and matching draperies in crisp, sturdy Pebble Cloth, Needletuft's exclusive "seersucker-plus". Frosted Pink above, other frosted tints at right. A Needletuft Rug with new crewel-type embroidery completes the picture. Below, another Needletuft Ensemble in a modern setting. Many others for every decorating style, all washable, colorfast, no ironing! Buy now at better stores everywhere. Cabin Crafts, Inc., Dalton, Ga.

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You *know* how a beautiful new dress lifts a woman's spirits! Now see how Pabco Floors—in America's Most Desired Colors—magically and inexpensively transform ordinary rooms into beauties!

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Outstanding floor-beauty *plus* Pabco long wear and easy-cleaning!*

Luxurious Pabco Linoleums (Pattern No. 9520, above) are Soil-Sealed to resist dirt. Pabco Printed Floor Coverings—in rugs (No. 9831, below) and wall-to-wall styles—have the famous "Stainless Sheen" surface.

Yours! Send ten cents in coin for "Decorate with Pabco"—sixteen full-color pages of ideas—to Dept. 219B, nearest office below.

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Confessions of good cooks

Begins on preceding page

Wesley Bowman



June Dessert Special. ⬆ Scoop out balls of ice cream with an ice cream dipper or serving spoon. Then roll them in long shreds of moist coconut or chopped California walnuts. Keep in freezer or refrigerator freezing compartment until ready to serve. Just before serving, drizzle chocolate sauce over top. Delicious!—Mrs. W. M. Newman, Columbus, Ohio

Delicious creamed potatoes can be made without the bother of white sauce. *Simmer slowly* finely diced, uncooked potatoes in light cream or top milk until potatoes are tender. Cream thickens as potatoes cook. Season to taste. They are extra good with a little chopped onion added. When you serve them, sprinkle with paprika or chopped parsley.—*Mrs. W. P. Pan, Hibbing, Minnesota.*



Easy Fruit Frosting: ⬆ Beat grape or currant jelly with enough sifted confectioners' sugar to spread. Frosting is a pastel color, has a fruity flavor. Mrs. Patrick Hery, St. Petersburg, Florida

To slice fresh bread quickly and neatly, heat the knife first.—*Virda Katzer, Fresno, California.*

If you fill your layer cake with jelly or any soft filling, spread a thin coating of frosting made with confectioners' sugar and warm milk on the bottom layer. Let it harden before spreading on the filling. Cake does not become soaked. —*Virginia Hartman, San Jose, California.*

Easy meat salad combines 2 cups diced bologna, ⅓ cup diced cucumber, ⅓ cup diced celery, ¼ cup diced pickle, and ⅓ cup salad dressing. Season to taste, and garnish with hard-cooked egg slices.—*Mrs. R. Heun, Lakewood, Ohio.*

Summer fruit chiffon pies. Substitute lemon or orange juice for the water in the pastry and add ½ teaspoon grated lemon or orange peel. The flavor blends with the fruit filling.—*Frances Mates, Williamstown, Pennsylvania.*

For a quick fruit dressing, mix equal parts of honey and strained lemon juice.—*Mrs. R. A. Rogers, Washington, D. C.*

Creole pork chops. Add 1 clove of minced garlic and 1 tablespoon of minced parsley to the bread or cracker crumbs used for coating the meat. Pork chops or other breaded meats will have a spicy but undefinable flavor when they are prepared this way.—*Winnie Lowe, New Orleans, Louisiana.*



Cleaning canned shrimp ⬆ goes fast and easily if you use a toothpick to remove the black strip down the center of the back. Work with shrimp under cold running water for best results.—Mrs. Theresa Naylor, Polo, Illinois

...and that's what the little "Dutch Boy's" Paint is **Blended** of...



...of Everything Right to keep your Home Bright!

Take the brightness of his smile . . . the integrity of his name . . . the sturdiness of his clogs . . . the endurance of his fame . . . put them all together and you have "DUTCH BOY" . . . *the Paint with the Happy BL-ENDING!*

Why is Blending so important? Because different parts of your house must stand up against different *kinds* of wear . . . and need different types of paint.

"Dutch Boy" *Blended* Paint brings you these different types . . . each blended from the right combination of the right ingredients to do its particular job exactly right. Blended right . . . to *stay* bright . . . and weather-tight. Blended by the master hand of the "Dutch Boy" with all his years of experience as a home protector.

So, for paint that's blended right *all ways* . . . always choose "Dutch Boy" . . . in Bright White, crisp Tints, gay Trim Colors, sturdy Porch & Deck or high-hiding Primer.

Look up your "Dutch Boy" Dealer's name under "Paint" in your classified telephone directory. Mail the coupon below for free, color-scheme booklet.



Ready to use in Colors or White!

1. BRIGHT WHITE *Blended* **to Clean Itself!**

"Dutch Boy" Bright White is specially blended to be *self-cleaning!* The surface continually renews itself . . . permits rain to wash away dirt. Sets a new standard for hiding. Gives a dazzling white finish that *stays* white!



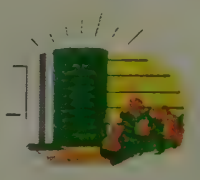
2. TINTS *Blended* **to Stay True!**

"Dutch Boy" Tints are beautifully crisp and fresh . . . and they're expertly blended to assure *lasting, uniform* color!



3. TRIM COLORS *Blended* **to Stay Bright!**

"Dutch Boy" Sash & Trim Colors add the finishing touch to your home's protection. They're blended to *hold* their bright, gay gloss! Wonderful for garden furniture, too!



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"Dutch Boy" Porch & Deck Paint is blended for extra toughness. It laughs at punishment from foot traffic and weather!



FREE Color-Scheme Booklet!

Over 40 full-color illustrations show you how to style your home, inside or out, for Blended Beauty with the new "Dutch Boy" Paints. For your free copy, address Dept. 60, care of the nearest office listed below.



5. PRIMER *Blended* **to Seal, Hide and Hold!**

An undercoat of great sealing and hiding power, that holds fast. When used under a topcoat of "Dutch Boy" Bright White or Tints you get a superior two-coat job...*even on unpainted wood!*



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Please send me a free copy of your new color-illustrated booklet: *"Blended" Beauty For Your Home.*

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"Save the Surface and You Save All"

National Lead Company

New fans keep you cooler

This year's fans, handsome and silent, are designed to fit your special needs

By Louisa M. Comstock

Today's electric fans have come a long way from the models that used to cool only at the cost of clatter. The principle is still the same, but the fan has changed.

Even the *conventional fan*, which cools by creating a breeze, gives more breeze per dollar's worth of fan. It oscillates, can be adjusted up and down, and has safety provisions which make it practically proof against careless fingers. The *circulator* has horizontal blades. It cools by keeping the air in gentle motion, rather than by creating a breeze. *Exhaust fans* include the attic, wall, and window fans. They cool by removing heat which has accumulated and replacing it with cooler, fresher air. [*Turn to page 133*



Watch the window fan. New models are handsome in living and bedroom colors, do not interfere with the use of the window or worry the draperies. Many operate on three speeds. Most are so easily fitted into place that you won't mind moving them as your living arrangements suggest. You can use window fan on the floor, too, as an air circulator



Many new fans invite you to move them around. This one has rubber wheels, on which its 35 pounds seem light. Telescope stand permits you to adjust height. Bring it up to your work by day. At night, place it 3 feet inside open window, facing out—for cool sleeping



← Brand-new fan baby, less than 10 inches high, weighs about 3 pounds. Carry it to your desk, dressing table, kitchen counter, or coffee table for a breeze. Pack it in suitcase on summer trips



An example of new features to look for when you buy a standard fan this year. On this moderate-cost, rotating fan all mechanical parts are encased in a plastic shell which absorbs sound, is cleaner. You can tilt it up or down; or detach it from base and hang it on wall →



Circulators range in size from a 12-inch model no bigger than a footstool, to larger ones that double as hassocks or small tables. You'll find them excellently designed, in chrome or rich wood finishes. Many will operate on 3 speeds



Now everybody's doing it

YOU'LL see people doing this wherever comfort is the first consideration in buying mattresses, furniture or new cars. Why? To be sure they're getting the most gloriously comfortable of all cushionings — **Airfoam.**

One touch and you'll know it — the yielding softness of a million air cells that empty as you press down, that refill as you let up. It's such magic buoyancy that makes **Airfoam** the buy of a lifetime — for long-time comfort. This magic latex material never sags or lumps up, keeps its live resiliency always. It conforms to every change of posture to give you uniformly restful support.

So do as other smart shoppers are doing. Look for the **Airfoam** label; make the "push" test before you buy. That's how to recognize the ultimate in modern comfort. Goodyear, Airfoam Dept., Akron 16, Ohio.

Ride, rest or sleep upon it.

Airfoam

SUPER-CUSHIONING BY

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THE GREATEST NAME IN RUBBER

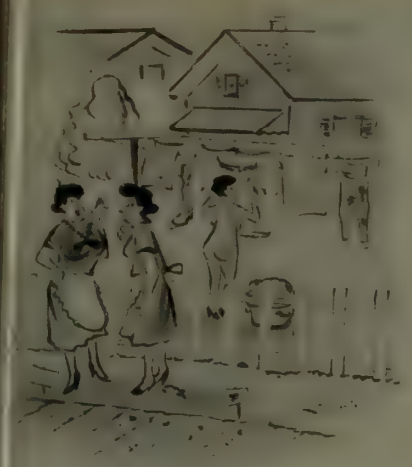
Airfoam—T.M. The Goodyear Tire & Rubber Company

. . . those heavenly carpets by Lees

When you buy fine carpet
look for seven things:
The color
you've dreamed of,
the price you can afford,
rich, resilient texture,
fine imported wool,
long wear, proper width,
and ease in decoration.
You'll find all
of these in a Lees.
Carpet is Bramble
in Biscayne Blue.



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"When Monday comes, she just throws everything in the wash."

More new fans

Begins on page 130

Get professional advice if you're considering an attic fan. Its position will depend on various factors, including wind direction. If your attic is sealed and you have attic stairs, the installation may be merely a matter of setting the fan to face a louver in the attic wall. If your attic isn't sealed, or if you don't have stairs, you may also need a suction box to conduct the air to the fan from a ceiling louver. In low ranch-type houses the fan can be located horizontally over a ceiling louver. Louvers may automatically open and close as the fan is turned on and off. On some models, the daily cooling cycle is controlled by a time clock.

Wall fans, also known as kitchen ventilators, can be built into new homes, installed in old. In both cases professional advice insures success. Modern wall fans consist of an exhaust fan behind an interior grill, with a vent of wall thickness leading to outside opening. This opening is protected by a weather-tight door. On some models this door opens and closes automatically when the fan is turned on and off. The exhaust fan not only expels stale air but also picks up and expels all the air currents drawn into its path. This means that the location will depend on house construction and wind direction as well as on the exact spot you want to ventilate.

Fan heaters are a nice combination in locations where it may be frosty in the morning but hot by noon. The combination may be built into a circulator or oscillator so that you can have just the fan, or the heater with the fan to circulate the heat. Or you can buy a two-part fan which is primarily a fan but becomes a fan heater when you add the heating element.

If dryness instead of humidity is your hot-weather problem, consider the fan humidifier. Some look like the window fan, but operate in reverse, pulling air in through the window, passing it over moisture, and feeding it into the room filtered, moistened, and cooled. Other models stand on the floor and circulate the air already in the room, winter as well as summer.



at your service

Families everywhere are now busily engaged in gardening and building activities. So this month your service column answers questions on these two timely subjects. The responses below are taken from the pages of *Better Homes & Gardens Gardening Guide* and *Home Building Ideas*.

Q *We wonder how expensive it will be to have an architect help us plan our new home.*

A You needn't wonder what he'll charge. The customary fee is a flat percentage of the total cost of the house—usually from 7 to 10 percent for small houses. Discuss freely with him exactly what you are expected to pay—and when. Usually an architect charges a percentage of his fee for each major stage in the development of plans.

Q *Last year our melons tasted more like pumpkins than cantaloupes. What can we do to have better melons this year?*

A To have good quality, cantaloupes must have a constant supply of nitrogen throughout the season. Old-time gardeners supplied this by burying a bucketful of rotted barnyard manure beneath each hill. You can get almost the same results by putting two tablespoons of balanced plant food beneath each hill and then covering it well with soil before you sow the seeds. That's how you get cantaloupes that really take a prize.

Q *Will it hurt to roll my lawn in the spring?*

A Rollers must be used carefully. One light rolling in the spring is plenty. No rolling at all is better. Greenkeepers use rollers only to push down soil heaved up by moles or by frost, not to smooth a bumpy lawn. Rollers will smooth a bumpy spot only when the soil is soft—and rolling then ruins the soil structure and suffocates the grass roots.

The books from which these answers are taken are published by *Better Homes & Gardens* magazine. They are an extension of the editorial service *Better Homes & Gardens* offers its readers. In the two books mentioned, you'll find hundreds of inspirational ideas and answers to almost all of your questions on building and gardening.

You can get the *Gardening Guide* and *Home Building Ideas* at newsstands, department stores, lumber dealers—or order from 6106 Meredith Bldg., Des Moines, Iowa

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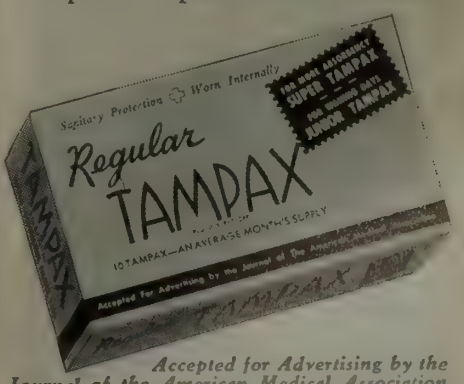


Quite naturally, when a product appears which is *completely unlike* past methods, your first thought may be "Is it really meant for *me*?" or "I wonder if I am any different"... Well, *Tampax* is just such a revolutionary product in the field of monthly sanitary protection — and here are some facts to help you make up your mind about it.

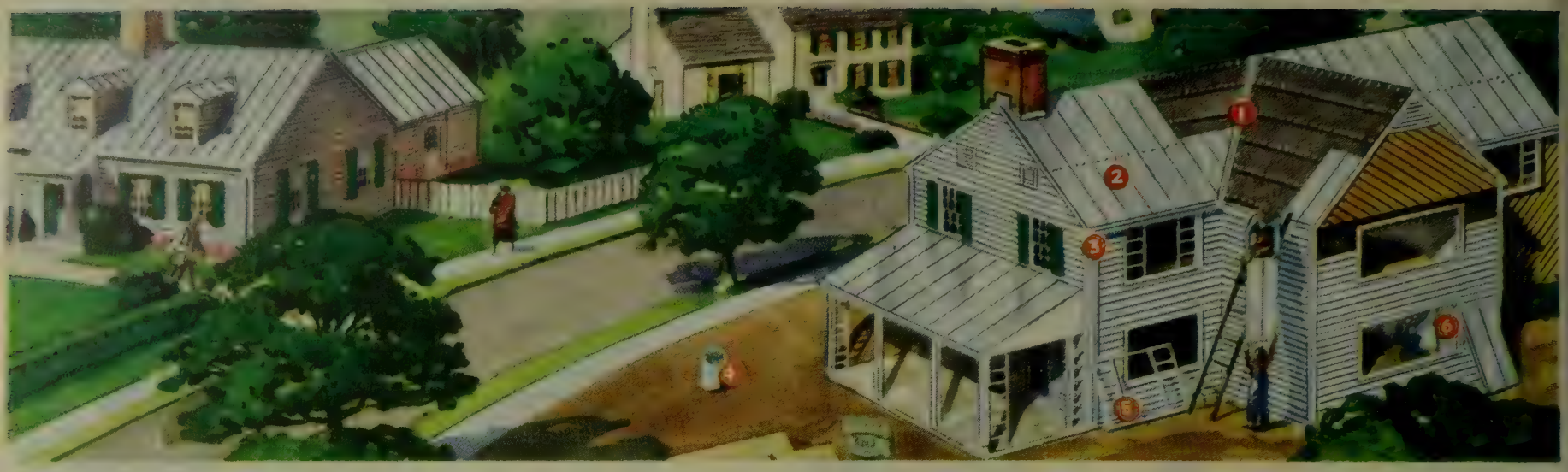
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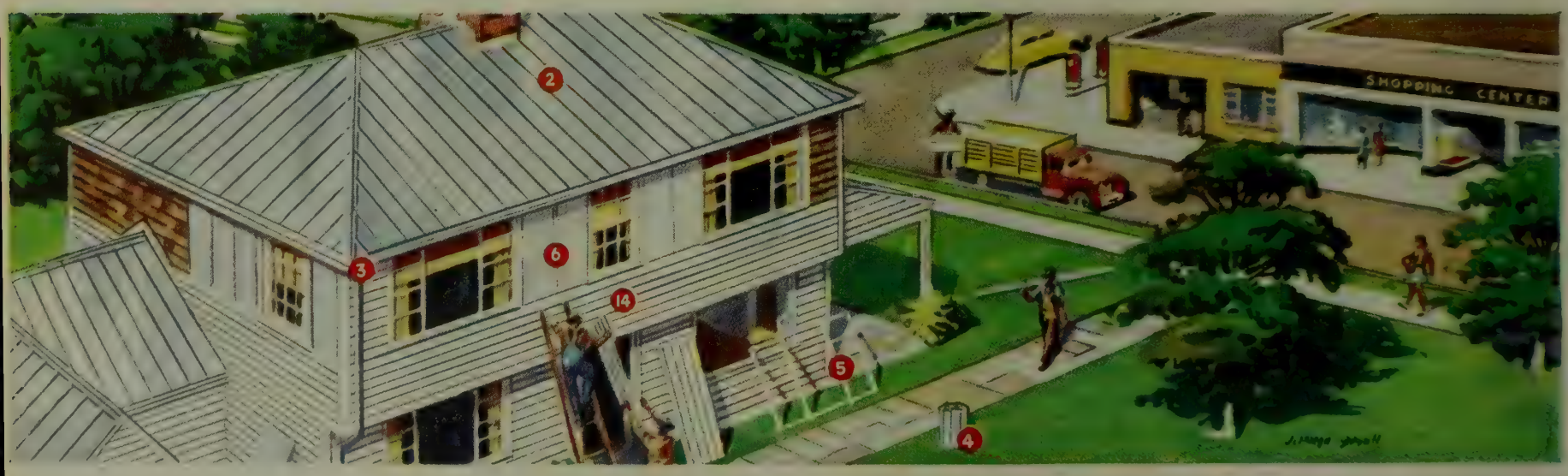
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Ready-built house + *your* personality =

The home you want



When the Aubreys moved in, their home looked just exactly like every other house on the block

By Betty Childs



Now the ready-built house has all the homey charm of an old-fashioned Christmas-card cottage. Its clapboard front has been painted bright barn red and trimmed with white. A new white settle welcomes you at the front door. Jim laid a winding brick walk up the front; Phyllis planted daisies along both sides of it. A homemade rustic rail fence and a quaint iron light set the house off from its neighbors

Photographs: George de Gennaro

You can't buy a ready-made builder's house and expect it to look like a lived-in house—to look like you and your family. The house needs colors you picked out, flowers your husband planted, furniture your children have climbed over. All those familiar books, and easy chairs, and matted prints that make your house a home give it your personality, too.

How you go about giving your home personality is up to you. The secret is to work your own ideas about living into the house itself. You can do it by following decorating rules or by breaking them carefully. You can do it with antiques, or with traditional furniture, or with modern pieces. You can do it with a few knickknacks or with whole rooms.

These pictures of the home of Mr. and Mrs. James T. Aubrey in Hollywood, California, will give you an idea of the results to try for. (Mrs. Aubrey is movie actress Phyllis Thaxter. She starred in "30 Seconds Over Tokyo.") The Aubreys put personality into their builder's house by adopting a New England theme and carrying it through inside and out. See how successfully this personality business has worked out for them.



Pine paneling for the fireplace wall meant a lot of work for Jim and Phyllis, but it brings mellowed beauty to the living room. Jim made a pine mantel and scalloped frame for the fireplace, then Phyllis hopefully whitewashed over the bricks to give them a timeworn look

More on next page





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The home you want

Begins on preceding page



Tucked rayon-net curtains lend pixie charm to little Susan's room—especially when they're set off by a scalloped valance covered with blue and white checked paper. Furniture (scaled down to Susan's size) is painted pink and decorated with bright peasant figures and flowers



Bookshelves and storage cupboards—designed and built by Jim Aubrey—frame the doorway at the end of their newly pine-paneled living-room wall. The close-up at left shows the charming grouping of family pictures that you glimpse through the door. The cupboard to the left of the door holds the radio phonograph; the loudspeaker is at far right, with record albums neatly filed above. Result: New England dignity plus modern utility





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How to prepare your

Surface preparation can mean success or failure in painting. Here's how to insure a good job and save money, too

The next time your house needs repainting, you can insure a finished job both handsome and durable. The means to this end, if you have plenty of energy, is this: Do the surface preparation work yourself.

You'll save money two ways. A properly prepared surface needs repainting less frequently. And these preparation jobs consume a lot of a professional's expensive time.

There are other elements in a quality paint job, of course. Good paint is one—don't be fooled by a bargain price tag. Unless you have had quite a lot of painting experience, have the paint put on by a professional. Make sure work is done while weather is mild and dry.

But the biggest single element in successful repainting is proper surface preparation. This job calls for more muscle than finesse; you can do it almost as well as a man with years of experience.

Photographs that follow show key steps in getting your house ready for a fresh coat of paint, whether you plan to apply the paint yourself or have a painter put it on.



Scaling paint in limited areas calls for this treatment. Scrape away loose paint with a putty knife and wire brush. Then sandpaper to feather edges of paint that still adheres. If your entire house is scaling, have all the old paint taken off with a blowtorch or a liquid paint remover

Photographs: Camera Associates, Inc.



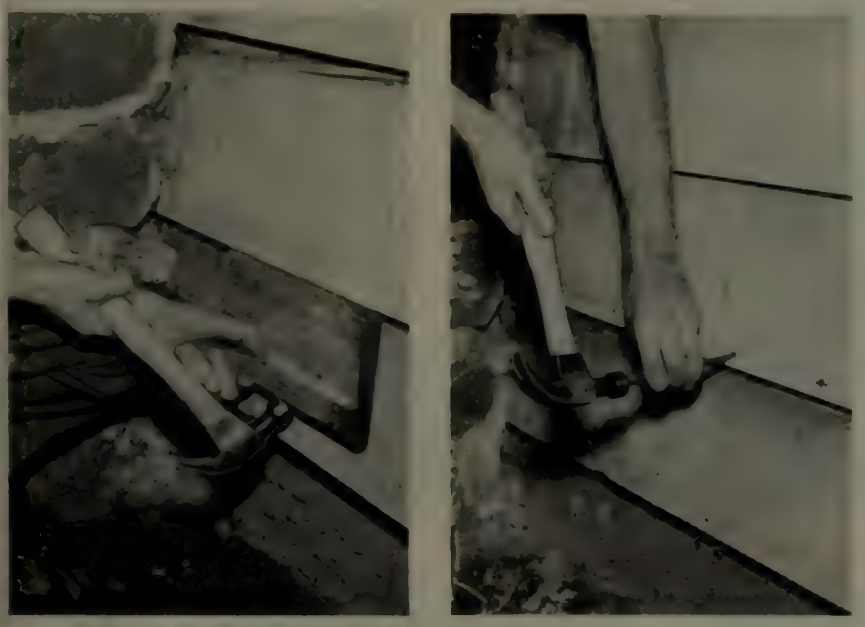
A priming coat of quality paint should go on when a section is scraped, sanded, and dusted. To mix paint, pour off top liquid, stir the pigment smooth, then slowly pour liquid back, stirring constantly. Load brush with as much paint as it will hold, and work paint well into all cracks

house for paint

By William W. Atkin



Knots often "bleed" through paint. To remedy, scrape away loose paint over each knot (left). Cover the knots with a priming coat of paint (center). When paint is dry, seal the knots with fresh shellac (right); old shellac may not dry. You'll find that a touch-up with paint will keep shellac from washing off



Loose clapboards should be pounded back in place. To avoid marring wood, use a scrap of lumber between the hammer and siding (left). Once the siding is in place, drive nails to hold it there. Use finishing nails, and set the heads of all nails one-eighth inch below the surface of the wood with a nail set (right)



Cracked putty around windows should be replaced before the sash frame is repainted. Remove old putty down to bare wood. Replace missing glaziers' points, and coat the wood with linseed oil before you apply new putty. (See "How to replace a broken window pane," page 186)

More on next page

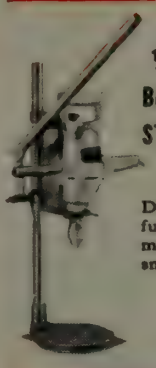
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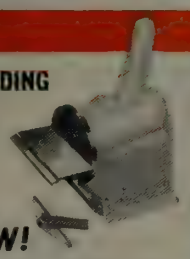
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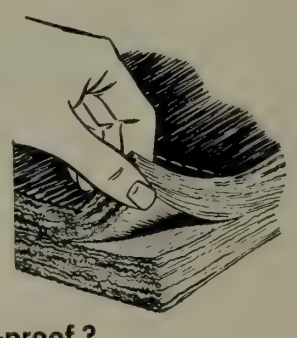
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☐ $3,000 ☐ $8,000 ☐ $15,000

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How to prepare your house for paint

Begins on page 138



Putty nail holes and cracks to cover exposed wood and get a smooth surface (above). Use the best putty you can buy; cheap putty may shrink and fall out. You can make your own quality putty by mixing two parts white lead and one part dry whiting, adding a little linseed oil if the mixture is too stiff. Touch up dry putty with paint (below) to prepare the surface for putting on finish coats of paint





Protect shrubbery by pulling it away from the house and covering it with burlap or canvas. Paint chemicals will harm most plants, and foliage may mar the fresh paint. Also ask the painter to use a canvas on roof areas around dormers. It's almost impossible to remove paint from surface of roof after it has been permitted to dry



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She may be with your local newspaper, doing women's page features that include furnishings and decoration.

This woman may have an occasional afternoon or day to do some work for us. She might like the satisfaction that would be hers from representing *Better Homes & Gardens* editorially in her community and receiving a fee for what she did.

If you know such a woman, suggest that she write Home Furnishings Editor, *Better Homes & Gardens*, Meredith Building, Des Moines, Iowa, telling her experience and background.

Please tell your friend not to send us a story.

If she qualifies, we'll write her and tell her what we have in mind.

Home furnishings answers

Q. *Can I use figured upholstery with a figured rug? Mrs. R. D., Syracuse, New York.*

A. With a multicolored figured rug, you can use a stripe, a self-patterned damask, or a very small-scaled figured fabric. Or you can use all three. Just be sure that the colors in the upholstery pick up colors in your rug pattern.

Q. *Can I have floor-length draperies if I have a radiator under the window? Mrs. J. C., Bangor, Maine.*

A. It's easy! Use a cornice board at the top and extend it six or eight inches beyond either side of the window. Draperies will hang free of the radiator—and give a nice broad look to the windows.

Q. *Can furniture be placed at an angle in a room? Mrs. D. K., Tampa, Florida.*

A. Avoid placing furniture at an angle if you can. Furniture that is placed at various angles has a disturbing influence in most rooms—and when you put furniture at an angle, you won't be able to use the room space to best advantage.



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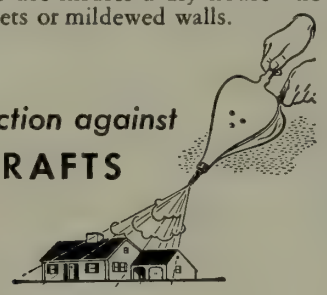
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CITY & ZONE STATE

Should Dad do the disciplining?

"Just wait till your father comes home." Is this the way discipline is handled at your house? Should Dad be chief executioner? Should you punish children at all?

By N. E. Cutts, Ph.D., and Nicholas Moseley, Ph.D

"Should my wife leave all the discipline to me? I get home late and I'm tired. I used to look forward to playing with the baby. But now that he's growing up, as soon as I get in the door my wife says, 'I want you to talk to Jimmy.' Whatever he does wrong all day, it's 'Wait till your father comes home'."

The other young fathers in our class for young parents smiled. But the question, like any on discipline, caught their immediate interest. The discussion was fast and furious with many anecdotes of children's behavior and parents' reactions. But by the end of the session everyone agreed on these five principles. And they should help you if you're troubled about discipline in your own home.

1. Punishment is desirable only as a means of keeping your girl or boy from doing something that he should not do, in general something dangerous to himself or others. It has no virtue in itself. The question is whether waiting for father is the most effective means.

2. Effectiveness of punishment does not depend on its severity. It depends on your child's understanding *what* he has done wrong and on his knowing that he is not going to be allowed to do it again. If he understands *why* he should not do something, so much the better. But an unpleasant association, a definite punishment, is usually a better "why not" to a young child than a long and complicated explanation. Mothers are just as capable as fathers of expressing disapproval, exercising firmness, and making clear explanations. But they must know how to punish as well.

3. Immediate punishment is more effective than delayed punishment because the youngster is more likely to associate it with his offense. Therefore, if you punish "on the spot," there is more chance of your boy's or girl's learning what he must not do than if he goes unpunished for several hours. The only reason for delay is to avoid punishing him when you are angry. Venting anger may relieve the adult, but it often results in injuring a child physically and emotionally.

4. Threats are notoriously ineffective, and "Wait till your father comes home" is a threat. If mother forgets or father is late or if they disagree, their child begins to take chances. He ignores the threat and may even play father against mother. Or, if the boy or girl really expects punishment, he thinks mainly about what is coming. The punishment rather than his offense looms large in his mind. He may spend the hours of waiting in hating his mother for telling on him and in fearing his father. He loses the trust and affection needed for constructive discipline.

5. Spanking is most usually implied when a mother says, "Wait till your father comes home." Though often an excellent means of control, such punishment is far from being the only means available. If the occasion calls for it, the proper method of spanking, "bare hand on bare buttocks," can be used by a woman as well as a man. When a child reaches an age of understanding, other methods of punishment are better.

"It looks," a mother said, "as if all the punishing is to be done by me. Won't this make my children hate me? Or at least prefer their father?"

These questions represent legitimate worries. But the firm bond that constant loving association builds up between mother and child is not easily broken. There will be no real strain on it if the occasions for punishment are kept to a minimum and if, from the beginning, necessary control is firm and consistent. Then little punishment will be necessary, and the child will accept the little as reasonable.

Fathers should see and enjoy their children as much of each week as possible. If the father's time with his boy or girl is always associated with punishment, both father and child will begin to find ways not to see each other. But fathers, like mothers, must be willing to punish promptly when there is need for it.

A Better Homes & Gardens child care and training feature



How a *Simple Idea* revolutionized Home Heating *twice* since 1930

Forced-warm-air heating, as it is known today, had its start in a simple idea. That was to circulate warm-air heat *mechanically!*... for greater comfort... for increased heating efficiency and economy.

By adding a return-air duct, a blower and dust-catching filters to a gravity furnace system, pioneers proved their idea was right. They also learned, to the delight of their womenfolk, that this new heat is *clean*—that removal of air-borne dirt by the filters saves both housework and costly redecorating.

Millions of families today enjoy the benefits of this new type of heating. But a second big development was to come, perfected this past year.

By slowing down the blower, so it operates almost continuously, engineers found they could prevent stratification of the heated air in the house... could eliminate cold areas near the floor caused by the warmer air rising... could provide, for the first time with any system, *floor-to-ceiling comfort* at all times, in every room, and with substantial savings in fuel. Best of all, at only nominal cost, existing forced-warm-air systems can be changed to operate this way.

If you are buying or building a new home, or desire greater comfort from your present forced-warm-air system, get the facts about this better, modern heating. Consult your architect, builder or warm-air heating contractor. OWENS-CORNING FIBERGLAS CORPORATION, Toledo 1, Ohio (makers of DUST-STOP* Air Filters, standard equipment in most modern warm-air furnaces since 1930).

In Canada, address Fiberglas Canada, Ltd., Toronto, Ontario.

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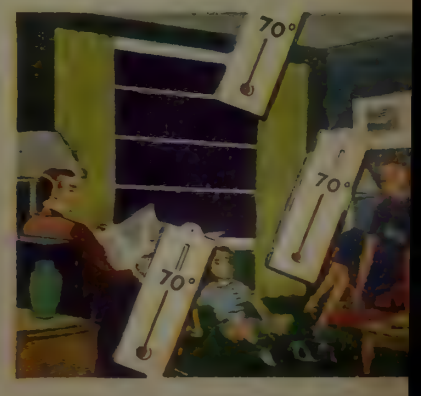
Forced-warm-air heat is *thrifty* heat... quickly responsive and automatically controlled.



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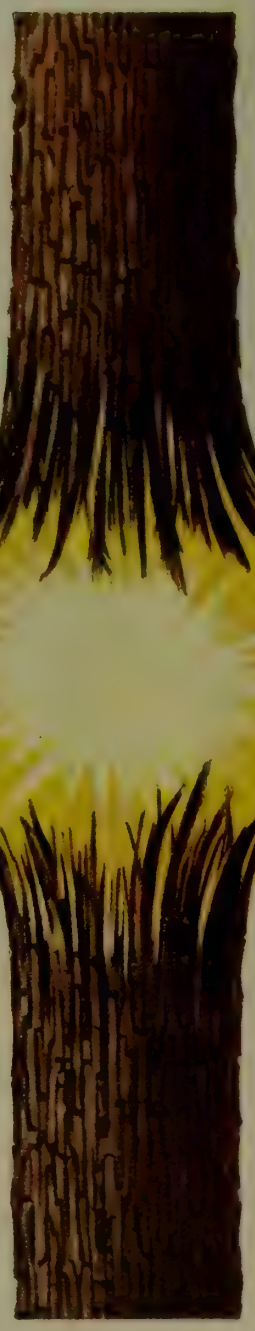


Rugged Tempered Presdwood, one of the most famo Masonite hardboards, is exceptionally smooth and strong Perfect for exteriors—weather won't harm it.

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ome owners, manufacturers, architects and builders all over the y have proved the worth of these versatile Masonite hardboards er twenty years. They make thousands of things better—thousands of better things that you buy or build are made with them

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How to butcher a good house



By Mort Reed, Jr., A.I.A.

You don't have to make a number of changes to ruin a good house; one small change can be enough.

Here, for example, is *Better Homes & Gardens* Five Star Home No. 1802. It's a good-looking house, with a simple exterior given interest by the texture of the brick wall. It's a good house, with a well-arranged, carefully thought-out plan.

But look what trouble one change —of the wrong kind—can cause:



▶ One man who built the house knew that every jog in a wall or break in a roof costs money. He decided he'd rather put his money into more floor space, a legitimate change. But he got his space by extending the living room forward (left) and cutting down the size of the bedroom (right). The result is a house with an unbroken front wall that looks homely and lifeless. He lost the jogging wall and contrastingly straight eave that gave the original house its beauty.



▶ Another man made no changes in the plan. The only thing he did was to substitute clapboards for bricks in the exterior finish. That couldn't affect the appearance of the house—he thought. But you can see the damage he wrought. He achieved, by the monotony of straight horizontal lines, as characterless a wall as the man who removed the jog. He lost the value of the texture contributed by the brick, especially in the lower half of the projecting wing. And without window sills there is no shadow line to break the blankness of the wall surface.



▶ Here is the same house built by a couple who made three changes, but were consistent in these changes. They wanted a fireplace, put it in the correct wall, and added a sturdy chimney in perfect proportion to the house. They couldn't get wrought iron, so they used slender wood strips at the corner of the porch. They preferred double-hung windows to casements, but were careful to keep the lines and shape of the original windows intact. The result: still a fine house.



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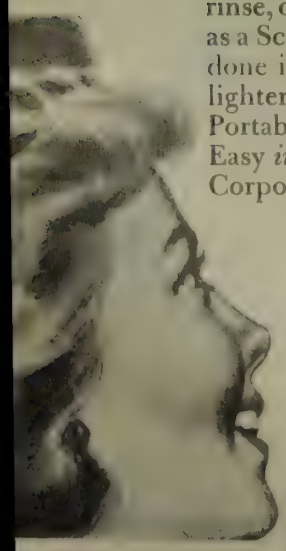


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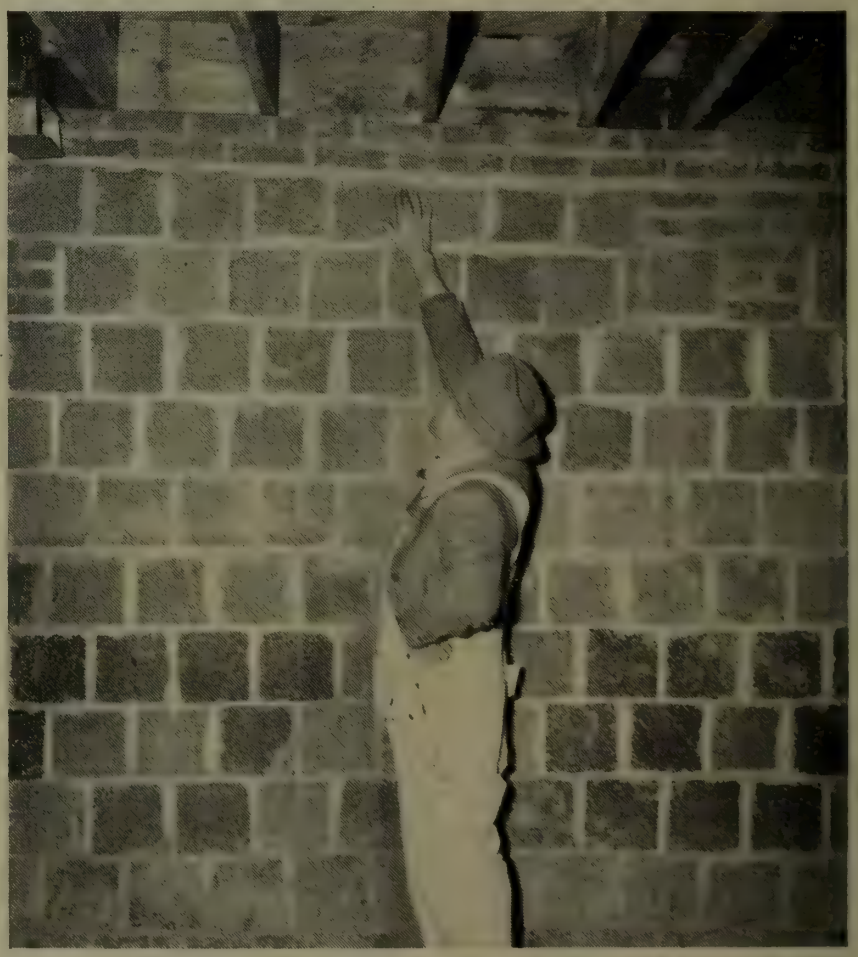
Every day more women say—"It's EASY for me!"

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How to get a better house



Plates. It takes several days for a slab to harden, during which time the slab should be kept moist to retard setting. Be sure bolts to which 2x4 plates for exterior walls will be attached are in place before the slab is poured. As soon as the slab will bear a man's weight, locations of partitions should be chalked out on the slab, and the sole plates, also 2x4's on which the partition studs will rest, are spiked into the "green" slab. Spikes should go at least 2 inches into the slab.



Basement height. It's always poor economy to skimp on the height of your basement. Eight feet is a minimum distance between concrete floor and the bottoms of joists. Since blocks (plus standard mortar joint) are 8 inches high, 12 courses make an 8-foot wall. This will leave you ample headroom for a room in the basement. For appearance's sake, set the basement fairly deep in the ground so your house won't look as though it's standing on stilts.

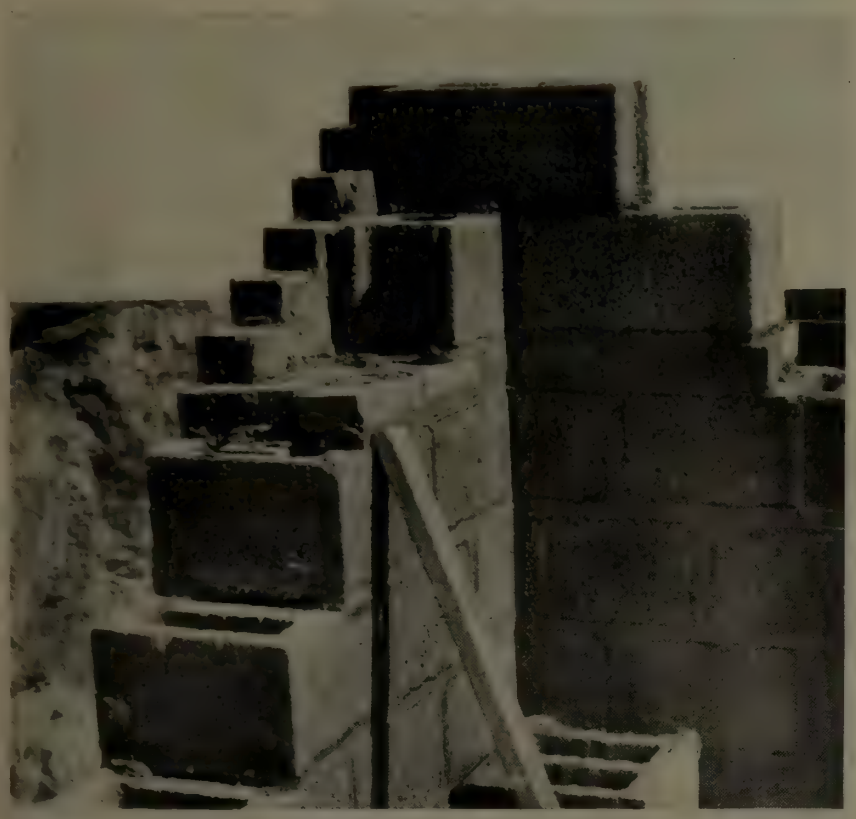
Begins on page 46



Piers for girders. In a cinder block or clay tile basement, brick piers should be built into foundation walls at the points where the girder will rest. The girder is the main support for the center of your house, and—whether of wood or steel—it must have a solid bearing on the basement wall. Foundation walls of poured concrete or concrete block are strong enough to support girders without brick piers.



Brick reinforcing. Though quite strong enough for unbroken wall surfaces, cinder blocks are not adequate around wall openings where extra stresses occur. Bricks, which *are* strong, should be used above and below window openings. Often bricks are used at both sides of openings, as well. Two or three courses of brick are always used atop all cinder-block walls that carry heavy weights. Steel lintels should be used to keep weight off window frames.



Basement walls. Foundation or basement walls of a one-story house should be at least 8 inches thick. A two-story house requires at least a 12-inch-thick wall. Poured concrete, stone, tile, cinder block, and concrete block are commonly used. If the exterior wall is to be faced with brick or stone, the first two courses should be laid just below the ground line. Work starts at corners of the house, and moves toward the centers of walls, which carry less weight.

More photographs on next page



Light as a blossom Sturdy as an oak—

Garden Hose made of VINYLITE Brand Plastics

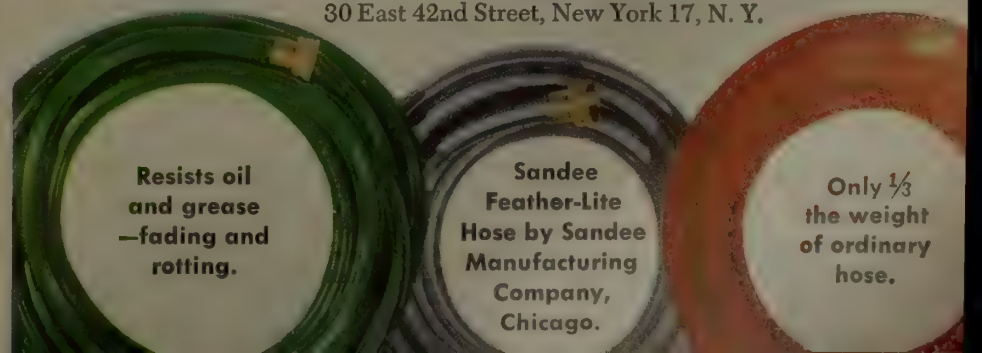
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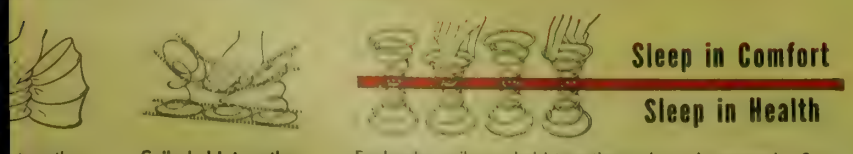
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How to get a better house

Continued from preceding page



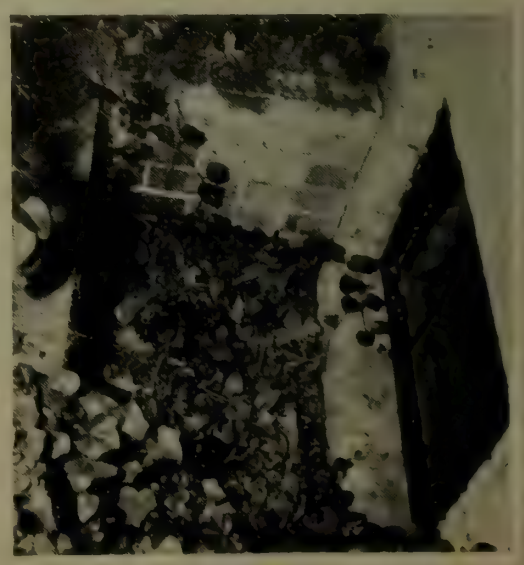
Parging. Greatest difficulty with basements is the ease with which they leak. Many basement-wall materials are permeable, and must be waterproofed. First step is to parge *outsides* of walls by troweling on a cement-rich coat of mortar over the whole outer surface that will be underground. This provides an unbroken surface that water won't seep through readily. It's a good precaution to parge the walls of any basement.



Tarring. Ordinary cement mortar isn't completely waterproof. Most builders use a mixture of cement and waterproofing compound as a parge, or else use regular cement mortar, then spray or paint a coat of hot tar over the parge coat. Tar forms a membrane through which water rarely penetrates. Parging and tarring must be done on the outside, though; otherwise water held in walls will make them disintegrate.



Draintiles. Water collecting at footings will quickly cause a house to settle or leak. To avoid this, lay a system of draintiles around the base of the house before the earth is backfilled around the wall. Joints between the four- or six-inch clay tile pipes are left open so water can seep through; tops of joints are covered with tar paper to keep earth out. Tiles should lead to a drain line that will carry the water away.



Basement areaways. Most basement windows are below ground level. To let in light, areaways should be built around these windows. So areaways won't flood after a hard rain, bottoms should be filled with gravel to let water escape into the ground outside the wall. In clayey soils a drain line should lead from the areaway to the draintile system. Areaways should be kept free of trash, not clogged like this one.

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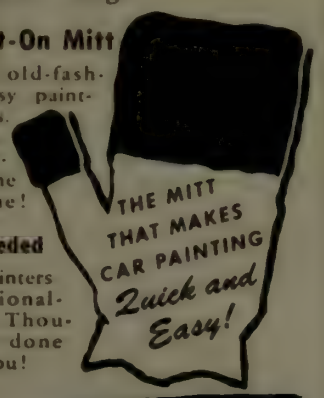
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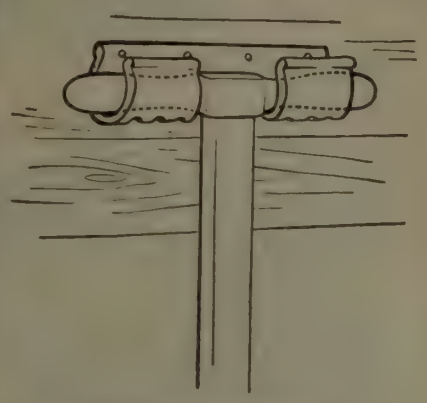
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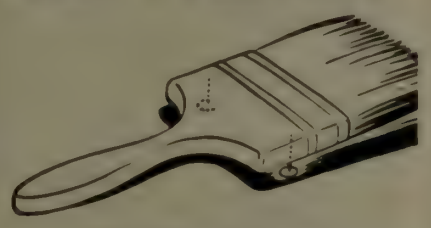
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The handy man



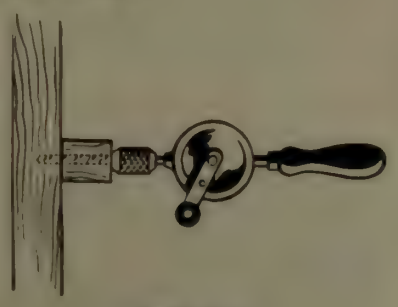
Lawn-mower holder

Do you have trouble keeping the handle of your lawn mower against the wall? Then cut a notch in a section of old tire casing and nail the casing to the wall at the proper height. The handle will catch in the casing and hold mower in place.—*E. H. Stutz, Cleveland.*



Paintbrush stand

A wet paintbrush can be laid down with safety if you drive two small nails into the wood just below the metal band. The nails serve as legs.



Drill stop

Many times you will want to drill a hole only to a certain depth. You can do this by first drilling through a small block of wood. This block should be just thick enough so that the length of drill showing is equal to the depth of the hole you want to drill. Be sure the block is broad enough so it won't turn as you drill.—*W. E. Danneman, Chicago.*

More on page 20

Send us your handy-man ideas

If you have discovered a home-repair short cut, turn it into money by sharing it with other *Better Homes & Gardens* readers.

We will pay from $5 to $10 for each idea accepted for publication in the "How-to for the handy man" column. We're sorry, but ideas that aren't usable cannot be acknowledged or returned. If you do not hear from us within 60 days, you may assume that your idea was not acceptable.

Send your ideas to Home Repair Editor, 6606 Meredith Building, Des Moines 3, Iowa.

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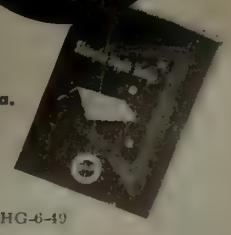


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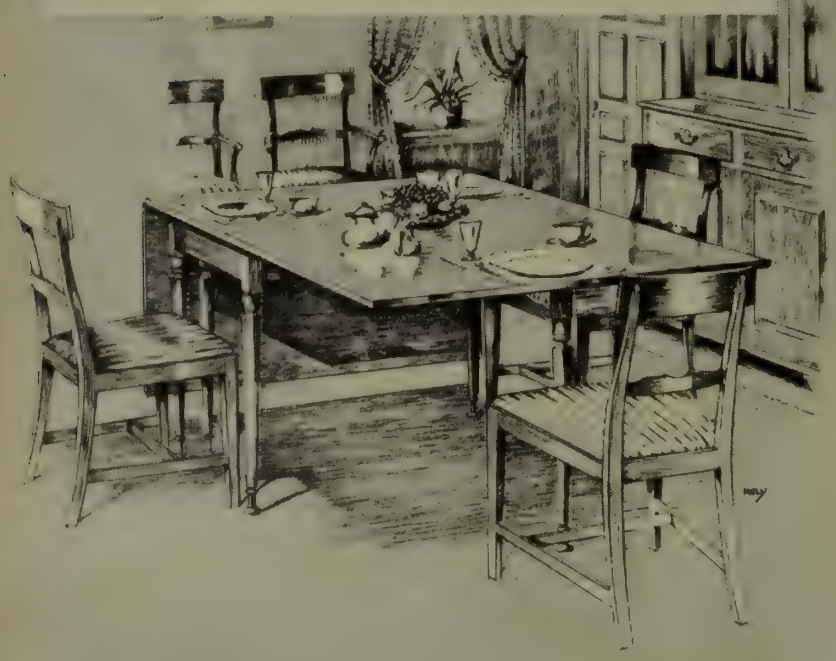
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bedroom—comfortable even if temporary means several years.

There is a separate dining area, screened from the living area by a portable wardrobe and served by a pass-through from the kitchen.

The kitchen has well-planned cabinets, good light, and a shelf which slides out below the counter to act as a snack table. The sink, range, and refrigerator are only three steps apart. A kneehole under part of the counter stores two stools. The pass-through connects the kitchen counter with a large serving shelf in the dining area. A ventilating fan directly over the range carries off kitchen odors.

The remaining room can serve as a den, or as a bedroom if you build a closet into the recess beside the fireplace or over the basement stairway.

The rear entry and bathroom are well located. The entry links the kitchen, outdoors, and basement laundry. It also connects the bedroom-den and kitchen to the bath. Because the bath is near the back door, you don't have to tramp through the house to get to it from outdoors.

Requirement No. 2: The two additions, bedroom wing and garage, can be added at the same time, or separately. Each wing has a separate roof that butts against the main roof, so no tearing out is required. Walls fit into existing walls. Your only costs will be the actual cost of material and labor for additions—virtually none for preparatory ripping out.

Requirement No. 3: When you are ready to add to the original house, you have only two openings to cut in existing walls—one to enlarge the front door, the other to give you access to the new bedroom wing. Except for this one corner of the house in which both openings will be cut, your existing living space is not disturbed. There will be no drafty holes in the walls, because additions can be built before the new openings are made. [*Turn to page 152*



Kitchen—unchanged when additions are made to the house—has a compact U-shaped work space, with a pull-out board that serves as snack bar, breadboard, or extra work space when counters are full. Lower cabinets are dark green so they don't show dirt or fingerprints

Begins on page 48



Crook between bedroom wing and living room makes a good place for a concrete terrace, with wading pool and sandbox cut into it. Terrace can be laid in either stage. Most rooms in the house have the combination fixed window with double-hung sash at one side that you see here



All-purpose room can be a den, guest bedroom, or recreation room. If you build only part of the house at first, it could be your bedroom. Fireplace backs up to living-room fireplace. Cabinets above and below shelves hold games and stationery; this space could become a closet



Dashing stripes—lively colors—luxurious terry, and plenty of it! You' admiring Haynes* beach towels, gay show-offs in any bathing scen Their eighteen square feet of absorbent softness can take plenty rugged beach life. Wear them cape-fashion or spread them out f your nap. Haynes* striking beach towels will brighten your sand-an sun hours. Ask for them at your favorite store.

P.S. The gentleman's robe is made of Haynes te cloth, too; same luxury, same popular pr*

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sts less to use because it lasts longer!

illions of housewives are switching to Self-Polishing Simoniz. find it gives longer wearing beauty and keeps their floors brighter. For the same lasting loveliness that makes Simoniz so famous for cars—insist on Self-Polishing Simoniz for your floors.

Sold by grocery, hardware, variety, drug, paint, 5 cents to $1, auto accessory, department stores—linoleum dealers everywhere. THE SIMONIZ COMPANY, CHICAGO 16, ILL.

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NOLEUM, FINISHED WOOD, ASPHALT OR RUBBER TILE AND TERRAZZO FLOORS

*T. M. REG. U. S. PAT. OFF

Designed for expansion

Continued from page 150

There is nothing to prevent you, of course, from building Five Star Home No. 1906 all at once, and by doing so you'll save the expense of moving equipment to and from the site two or three times. In its final stage, the house has everything you need for comfortable living: large rooms full of windows, excellent storage space (owners' bedroom, for example, has two walk-in dressing closets with drawers), a large porch, two-car garage, separate tool and workroom, two baths.

The house will look well on many types of sites. The asphalt shingle roof overhangs far enough to shelter the six picture windows and 27 double-hung windows. A wall of glass block beside the front door lights the entrance hall. Exterior walls of thick-butt white cedar shakes can be left untreated to weather to a silver gray, cutting maintenance cost.

Inside, the house is designed to cut down upkeep. Mopboards and doorframes are partly recessed to minimize accumulation of dust. To keep plaster from possibly shrinking away from moldings, they are beveled sharply inward so plaster partly covers them. All doors are the slab type without dust-catching recesses. There are no valance boards or curtain rods. Instead, traverse rods are recessed into the plaster ceiling in all rooms.

In all its stages, Five Star Home 1906 is complete. You'll find it a house easy to grow into—but hard to outgrow. [*Turn to page 156*

More pictures on page 151



Child's bedroom in the wing you can add on later has enough linoleum-covered floor space to double as playroom, even with twin beds. Desk, with its long work surface, and toy cabinets are not attached to wall, can be moved if necessary. Windows provide ventilation and a view, too



Triple cabinet above lavatory of bathroom in bedroom wing provides more than extra storage space for medicine and other supplies: the two end doors open to form a three-way mirror that aids in shaving or putting on make-up. Linen cabinets flank bathtub on the opposite wall



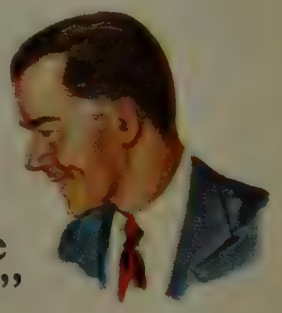
1 "The gay beauty of knotty pine gives our living room a cozy charm. And makes housekeeping a pleasure . . . it's so easy to keep clean."



2 "Our dining room is small. But it's amazing how oak Weldwood*, installed horizontally, gives us a feeling of spaciousness."



"I never dreamed these rooms could be so beautiful!"



..."Yes, and our Weldwood Walls are Guaranteed for the life of our home!"



3 "And it costs so little to *add* a room! Figured gum, Weldtex* and ingenuity. Presto! Our dreary basement now looks like this."



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And remember, with a 3-year FHA Improvement Loan, remodeling a room with Weldwood (including material and installation) costs as little as $9.00** a month. See your lumber dealer today.

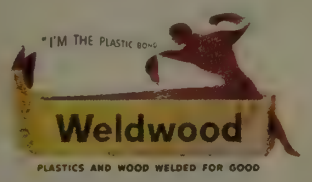
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It's charming—it's beautiful! Now yours in maple finish on birch. The Colonial Seth Thomas* "Sharon" strikes hours and half hours. Electric or spring-wound. Mahogany finish, too. Ht. 14½ ins. Wdt. 9⅛ ins. $42.50.†

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lovely period clock—the Seth Thomas
kingham. Put it in your coziest room—or
e it to a lucky bride. It's an electric!
. 7¼ in. Wdt. 5⅛ ins. $19.95.†



Give the girl graduate the Seth Thomas Sequin, a love of an electric clock in soft peach or delicate blue tinted mirror glass. Ht. 4⅝ ins. Wdt. 7⅛ ins. $12.50.†

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EG. U. S. PAT. OFF. †*Prices subject to change—tax extra*

Designed for expansion

Continued from page 152



Dining area is part of the living room, but is separated from it by a portable clothes closet. Later you can replace this closet with a low china cabinet. Light recessed in ceiling gives good spot illumination for eating. Shelf on wall takes dishes as they are passed through from kitchen



Draperies in both living room (shown here) and owner's bedroom (which can be added to basic house) travel on concealed rods along the ceiling, leaving an unbroken wall of material. Note that wood moldings project very little from walls and windows, therefore catch almost no dust



Even with all additions, the rear of the house is as uncluttered and well designed as the front. Windows flanking the contrastingly dark Dutch door let light and air into all corners of the living and dining areas



To "color-light" this silver's delicate moulding . . . organdy over turquoise. (Get ordinary sheet-moss from your florist, stud it with lilies.)

Excitingly modern, excitingly romantic . . . this *different new pattern!* Let it be a shining link between you and your daughter—and *hers!* Solid silver all the way through, a hundred years of daily use won't wear it out. In fact, *wear* is its best beauty treatment! And the elegance of a table set

Compare . . . see how much better a buy Heirloom Sterling is. You'll see that anyone can afford a start of 2 of these ever-beautiful Lasting Spring* place settings! Begin now to enjoy the lift of eating 3 times a day with this honest, solid silver! (Ask to see Mansion House* and Damask Rose* in Heirloom

ABOUT THE NEW Lasting Spring

Created by the same brilliant designer who did the much-loved Damask Rose. This subtly "different" new pattern is moulded with today's dynamic simplicity, softened, enriched with a motif of tender sentiment.

HEY MOM... CAN I USE A SWELL NEW PACIFIC TOWEL?

"Boy, are they beauties—bet they dry me in a sec!
Gee, thanks, Mom. I'll use the super blue one!"



e's really "gone"
n the new

PACIFIC *Supersorb* TOWELS!

nd who isn't? They're such thirsty things—stalwart as can be
ith their sturdy all-cotton construction. Regular softies, too, with
eir luxurious texture—lovely in their tempting colors. Great for
l the family, from tender age on up.

See these solid-color Supersorbs and Pacific's all-cotton smart printed towels in gay floral, novelty and juvenile designs. Real values, amazingly absorbent—designed to please every taste!

SUPERSORB PACIFIC TOWELS

ook for the Pacific label also on Pacific Balanced Sheets, Pacific Silver oth, and on men's, women's and children's wear of cotton or rayon

CIFIC MILLS, Towel Dept BH6, 214 Church Street, New York 13, N. Y.

Five Star home

Continued from page 152

The stores listed below operate permanent Home Planning Centers, featuring the *Better Homes & Gardens* Five Star Plan Service. At each store you can obtain advice and assistance, without cost, in planning, building, furnishing and equipping your new home, or remodeling your present home. You are cordially invited to take advantage of this complete Home Planning Service. Visit the Home Planning Center near you today.

Akron—The M. O'Neil Company
Albany—W. M. Whitney & Co.
Bloomington—Livingston's
Boston—Jordan Marsh Company
Brooklyn—Abraham & Straus
Buffalo—The Wm. Hengerer Co.
Cedar Rapids—Smulekoff's
Chattanooga—Miller Bros.
Chicago—First Federal Savings & Loan Assn.
Cleveland—The Higbee Company
Dayton—The Rike-Kumler Co.
Denver—The Denver Dry Goods Co.
Des Moines—Younkers
Detroit—The J. L. Hudson Co.
Enid—Long-Bell Lumber Co.
Ft. Wayne—Wolf & Dessauer Co.
Hartford—G. Fox & Co.
Indianapolis—L. S. Ayres & Co.
Lansing—J. W. Knapp Co.
Lincoln—Gold & Co.
Los Angeles—Barker Bros.
Louisville—The Stewart Dry Goods Company
Milwaukee—Gimbels
Minneapolis—L. S. Donaldson Co.
Muncie—Ball Stores
New York—The Franklin Society for Home-Building and Savings
Oakland—Breuner's
OklahomaCity—Harbour-Longmire
Omaha—Orchard & Wilhelm
Peoria—Block & Kuhl
Philadelphia—Gimbel Brothers
Phoenix—Dorris-Heyman
Pittsburgh—Joseph Horne Co.
Richmond—Miller & Rhoads
Rochester, New York—McCurdy's
Sacramento—Breuner's
San Diego—V. J. Lloyd, Inc.
San Francisco—Macy's
St. Louis—Stix, Baer & Fuller
St. Paul—The Golden Rule
Silver Spring—The Hecht Co.
South Bend—Robertson Bros.
Spokane—The Bon Marche
Springfield, Massachusetts—Forbes & Wallace
Stockton, California—Breuner's
Tampa—Maas Brothers
Tulsa—Dickason-Goodman
Washington—The Hecht Co.
Wheeling—Stone & Thomas
Worcester—Sawyer's
Youngstown—The Strouss-Hirshberg Co.

Models of *Better Homes & Gardens* Five Star Homes 1609, 1610, 1611, 1701, 1702, and 1703—the NEW exhibit of "Homes for Today"—will be shown at Wiests, York, Pennsylvania, June 3-11.

Plans and Home Plan Book

Better Homes & Gardens Five Star Home No. 1906, in this issue, is one of the series of one- to four-bedroom homes which make up the Five Star Home Plan Service. These homes, designed by America's foremost architects, range in style from Cape Cod to Contem-



see no evil

Lady, a better way *not* to see ugly toilet bowl stains is to chase them away. Get rid of invisible, germy film, too. Use Sani-Flush. Cleans toilet bowls fast without scrubbing. Disinfects, also.

Safe in *all* toilet systems. Works in hard or soft water. At your grocer's—two sizes. The Hygienic Products Co., Canton 2, Ohio.



Sani-Flush
GET TWO CANS TODAY
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CROSLEY of U.S.A. —leads the way

Here's the new economy-car styled for the U.S.A. —made in the U.S.A. Larger, longer lines, a clean sweep of design that's truly American.

New Crosley Station Wagon (above) is the biggest selling station wagon in the world. Sleek body lines. Seats 4, or 2 with ¼ ton load. All steel. No increase in price. New Crosley Sedan Deluxe (below) is bigger, with speed-line styling, rich interior, choice fabrics. Seats 4 with ample luggage room.

All 5 new Crosley models—including Convertible, Panel Delivery and Pick-up Truck—look big, feel big, act big—cost little to buy or drive. Powerful Crosley engine takes steep hills in high, gives you up to 50 miles on a gallon of regular gasoline. And a Crosley costs less than an 8-year-old, high upkeep used car. Prices range downward from the Station Wagon at only $929 F.O.B. Marion, Indiana.

For complete new catalog, write your name and address on the margin of this page, tear out and send to Crosley Motors, Inc., 2530-RF Spring Grove Avenue, Cincinnati 14, Ohio.

CROSLEY a FINE car



porary. Traditional to Ranch-type. These are homes planned to give you maximum comfort, convenience, and beauty—at minimum building cost. *Better Homes & Gardens* Five Star service includes:

★ **Designs by skilled architects**
★ **Detailed working drawings**
★ **Cost-finding materials lists**
★ **Complete specifications**
★ **Contractor-owner agreements**

Working Drawings are detailed architect's drawings, from which your builder or contractor will build your home. They are complete in every way. Cost is $5 per set. Included with each set of working drawings are: 1) specification form outlining the quality of materials and workmanship you'll want in order to insure sound construction; 2) contractor-owner agreement form—a suggested legal contract to assure your home will be built as specified.

Lists of Materials—priced at 10 cents—are available separately for each Five Star home. With this list, your architect, building materials dealer, or builder can compute in advance the building cost of your home in your community.

These complete home-planning aids may be ordered from firms listed above, your local building materials dealer, your local financial institution, or direct from *Better Homes & Gardens*, Des Moines 3, Iowa.

When mailing your order, be sure to specify the Five Star home number. Enclose a postal money order, bank draft, or check, payable to firm to which you write.

Home Plan Book: If you haven't selected a specific Five Star home plan as the home you want to build, *Better Homes & Gardens* new book, *Five Star Homes*, will help you make a choice. This 76-page book brings you photographs and floor plans of 66 Five Star homes. Price —50 cents. You can buy your copy at firms listed above or order direct from *Better Homes & Gardens*.

10 days in New England

Begins on page 38

1st DAY

Since this is your longest day—about 275 miles—start early. You sleep tonight in the middle of Cape Cod. Even with pauses here and there, you ought to make it before dark.

For a flying start, the Merritt Parkway takes you to New Haven where you turn into U. S. 1 along the route on which rode the first post rider in America. Pleasant towns founded in the seventeenth century still retain a surprisingly colonial flavor. Houses and churches face lovely greens proud of their ancient elms. In Saybrook, Yale University began in 1701. In Groton, "Mother" Bailey tore off her red flannel petticoat so her boys could wad their guns against the British. In Westbrook dwelt David Bushnell who invented the first submarine actually used in warfare. The shipbuilders of Mystic built the modified clipper ship, Andrew Jackson, which beat sailing records made by the more famous Flying Cloud.

Just beyond New London you head for the Jamestown Bridge across Narragansett Bay, 12 miles wide and poking 28 miles into Rhode Island. At Jamestown you take the ferry to Newport, summer resort for Southern planters in the 1860's, but now for New York millionaires. You drive among famous estates, some of grotesquely dated architecture. If you make good time you can stroll on the famous Cliff Walk. Here is your chance to see also that ancient riddle, the Old Stone Tower. Its origin is now in dispute, but you can ask yourself, "Was it really built by the Vikings, as Longfellow believed, or was it only a windmill erected in 1675?"

At New Bedford, once jammed with whalers, visit the biggest whaling museum and see a full-sized cooperage shop, sail loft, and a half-size model of a full-size whaling ship. Cross Bourne Bridge over the Cape Cod Canal and you're on the Cape itself. Via the south route by way of Falmouth you put up for the night at Hyannis.

2nd DAY

You drive 176 miles today, and what sight-seeing! Taking Route 28, you pass through one picturesque village after another into Chatham. See Chatham Light and the breath-stopping expanse where Nantucket Sound joins the Atlantic Ocean. Turn north; at Orleans another tiny side trip unveils another sweeping expanse of ocean. Or, a little north, turn off for Nauset Light and look down upon the sea from lofty sand cliffs.

As you approach Provincetown, Cape Cod Bay bursts in upon you. Here the Mayflower first dropped anchor in North America. Provincetown is the nation's largest art colony. Its Art Gallery is worth visiting. Call on the 252-foot granite shaft known as the Pilgrim Memorial Monument on Town Hill, and be sure to drive among the colossal sand dunes on the ocean side of this scenic peninsula.

Turning back you enter the north shore road. Again you are among authentic Cape Cod homes, some smothered with rose vines. Drive slowly in Sandwich where the colonial atmosphere is especially noticeable and where, between 1825 and 1888, the famous Sandwich glass was made. You leave Cape Cod by the Sagamore Bridge. Less than an hour away you stand beside Plymouth Rock where the Pilgrims landed in 1620. Pilgrim Hall contains an interesting collection of Pilgrim relics. Another 40 miles—you're in Boston.

After dinner tonight you can see some of Boston's historic shrines,

"Ironing is 3 times easier with Satina in my starch!"

WRITES MRS. DONALD BUTLER, WAYNE, ILLINOIS



"SATINA WORKS LIKE MAGIC!" writes Mrs. Butler. "Satina in my starch makes ironing 3 times easier and gives the clothes a lovely fragrance. I like it very much for dresses."

Satina is a wonderful ironing aid that you use with boiled or unboiled starch. It dissolves easily in boiling water or the boiling starch solution.

It not only makes ironing *lots* easier, it makes clothes *smell fresher, look newer,* and stay *clean longer,* too!

FREE FULL-SIZE PACKAGE



WE'RE SO SURE *you'll* love Satina, if we can just get you to try it once, that we're offering you a *free* full-size package. Enough for 4 big starchings. Just try it and judge Satina for *yourself!*

A Product of General Foods

SATINA, Dept. 100, Battle Creek, Michigan

Dear Sirs: Satina sounds good to me. Now I'd like a free full-size package to see how much easier it makes *my* starched ironing.

NAME_____

STREET_____

CITY_____ STATE_____

Satina users say: "Put SATINA in your starch! It makes starched ironing 3 times easier!"



fluff-dri clothes

without work or weather worries...

IN MINUTES...NOT HOURS!

You save hours every washday with your Hamilton. It dries clothes as fast as your washer can wash them. And you save all that back-straining toil of trudging in and out with heavy baskets. You forget bad-weather worries. You dry clothes *any* day, *any* evening. You have *much less ironing,* because Hamilton fluff-dries towels, pajamas, T-shirts and the like delightfully soft and free of wrinkles. *And something new in clothes-drying*—Hamilton's exclusive Sun-E-Day Lamp floods the gently tumbling clothes with healthful ultra-violet light and releases ozone, so your clothes smell fresh as the breath of Spring! Ask your Hamilton dealer to demonstrate this modern work-saver that fluff-dries clothes safe from dust and soot. For his name, call Western Union by number and ask for Operator 25. HAMILTON MANUFACTURING CO., TWO RIVERS, WISCONSIN.

Hamilton

THE ORIGINAL AUTOMATIC

CLOTHES DRYER

GAS AND ELECTRIC MODELS

10 days in New England

Continued from preceding page

only a stone's throw from downtown hotels. And by all means, step out to dinner tonight—at one of Boston's really unusual restaurants. Here are three suggestions:

Durgin-Park Restaurant, directly opposite Faneuil Hall. For lots of atmosphere and a real New England dinner. (But get there before 7:30.)

Locke-Ober's, 3 Winter Place, a narrow alley in the heart of Boston. Over 75 years of steaks and sea food.

Union Oyster House, 41 Union St. Fixtures here are as they were over 100 years ago; sea food is here in wide variety. Upstairs Louis Philippe, later King of France, lived while teaching French in Boston.

(Side note: If you can stay on Cape Cod another day before going to Boston, take a boat to Nantucket. You'll never forget the huddled-together colonial homes and the cobblestone streets.)

3rd DAY

At breakfast face the question, "Shall we go sight-seeing by ourselves or climb on a bus?" On the organized tours you miss nothing. But, on the other hand, you can make out very well by yourself. You can't miss Boston Common, where in 1634 citizens could graze their cattle while learning musketry. Here British troops assembled for the battle of Bunker Hill. A few steps beyond and you're at the State House, built in 1795, with additions later, then comes the Park Street Church (1810), and the Old Granary Burial Ground where lie John Hancock, Samuel Adams, Paul Revere, Ben Franklin's parents, Mary Goose and Thomas Fleet who first published her Mother Goose rhymes.

King's Chapel (1749) is a fine example of early English architecture. Following a pocket map you come to Old South Meeting House, where aroused colonials demanded the withdrawal of British troops who had turned it into a riding school.

You may not have time this morning for all the sights listed below, but remember that you also have tomorrow morning for some of the musts.

Boston Athenaeum, begun as a library when proper Bostonians acquired George Washington's books after his death.

Old State House (1747). Here occurred the Boston Massacre. From the balcony were proclaimed the repeal of the Stamp Act, the Declaration of Independence, and peace with England.

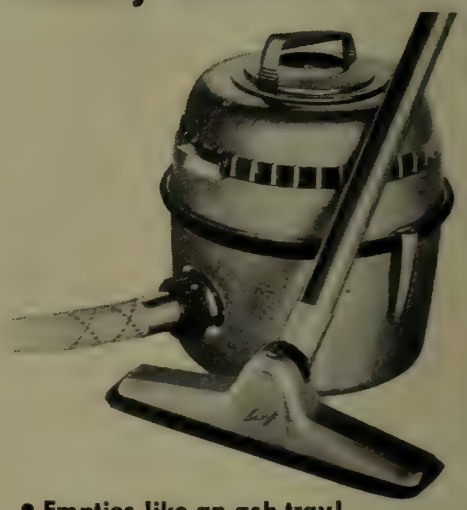
Faneuil Hall—cradle of liberty—where stirring meetings were held just before the Revolution. (Rebuilt 1763.)

Paul Revere House (1660), oldest home in Boston and furnished as it was when its famous owner dwelt there.

[*Turn to page 232*

NO DUST BAG TO EMPTY!

...yet the amazing new Lewyt costs no more than ordinary vacuum cleaners!



- Empties like an ash tray!
- It's quiet—no roar!
- Cyclonic cleaning power!
- Cleans upholstery—dusts furniture!
- Sprays paint...waxes...de-moths!
- Space-saving storage!
- Triple-filters unsanitary dust!
- Light, easy to use!
- See the Lewyt! Try it yourself!
- Comes complete; no extras to buy!

No. 80 Carpet Nozzle • Upholstery nozzle • Dusting brush • Crevice tool • Floor-and-wall brush • Moth snuffocator • Sprayer

LEWYT'S REVOLUTIONARY NO. 80 CARPET NOZZLE

...cleans rugs better than ever before! Actually gets *more* embedded dirt...picks up *more* lint, thread, and hair...yet with *less* carpet wear! It will amaze you!

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VACUUM CLEANER

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How to visit a baby

By Judith Kaye Reed

How many times have you seen it? A brand-new grandmother turning hurt, puzzled eyes to a brand-new mother.

"I was only trying to help. After all, I raised three children and this is only your first. . . ." Grandma trailing off tearfully. The first visit eagerly planned by mother and daughter, off to a disappointing start. . . .

Visiting a household with a new baby involves as much tact, understanding, and self control as loving enthusiasm. Whether you are a grandmother, favorite uncle, or a friend just dropping in to deliver a present and peek at the baby, here are some hints that should help make your visit a pleasure to the new parents, rather than the trial it so often turns out to be.

For Grandma and other relatives

Let the cat get your tongue. This is the hardest bit of baby-visiting etiquette. Don't volunteer advice. Remember that the new mother is nervous and unsure anyway and more than anything else needs confidence in herself. "Are you sure that's the right way to bathe him?" is the best way to hinder, not help, a new mother. If *you* know an easier way—forget it. Mother will learn it soon enough.

Don't lick your wounds in public. Don't take on a hurt air if your daughter or favorite niece accepts cordially a hint from someone else after she has turned down the same suggestion from you.

Criticism from you disregards her new role of mother. When she is assured you have accepted her new dignity—she will welcome your experience and assistance.

Curb your dogma. "In my time" relates to one generation ago, but this is *her* time, and the inexperienced mother is more confident when following the methods of her contemporaries. Instead of ridiculing new methods of child care, read the books and articles the new mother is following. You may find yourself agreeing with them. But even if you don't, you will have a clearer understanding of what she is trying to do.

Sit on your hands. It's always a temptation for an adoring relative to pick up or otherwise comfort a crying baby. But if the new parent believes it best to let the baby alone at the time, respect her decision.

Respect the nurse. If the new mother is lucky enough to have a nurse to help her, don't make things difficult. Don't protest nurse's "heartless efficiency" or laugh at her for sterilizing everything that comes in contact with Baby. Her job is to protect Baby and help its mother.

If you are a friend

Don't drop in at odd hours during Baby's first weeks. Phone before you visit so you don't upset a schedule or deprive a young mother of a much-needed nap. Not staying too long will be appreciated, too.

Do it solo. The whole gang paying a call on Baby may seem like a happy thought, but it will exhaust the mother who needs time and rest to adjust to her new role.

[*Turn to page 167*

A Better Homes & Gardens child care and training feature



Look for this mark of genuine Knowles quality. T. M.

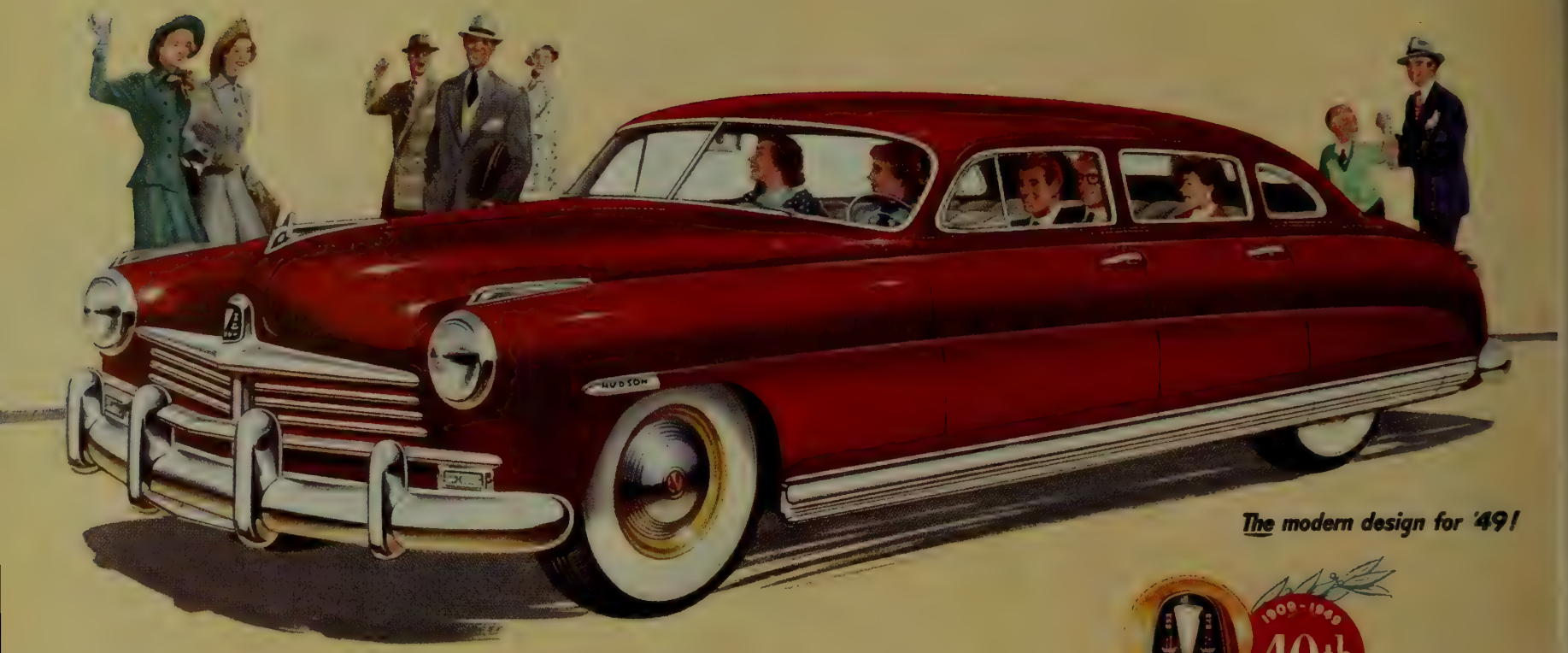
An enchanting new idea *in moderate-priced, fine American dinnerware . . . designed by Virginia Hamill as a "round the clock" Dining Ensemble. The coupe soup is shown being used (and quite appropriately, too) at luncheon as a lovely individual salad bowl. At breakfast, it's a cereal. This is typical of the morning-till-midnight versatility of Rose Path. And see how beautifully the rose-bordered pieces harmonize with those having a single delicate spray. See Knowles Rose Path (remember that name) at your store. Or write for name of nearest dealer and folder of Rose Path Ensemble settings. The Edwin M. Knowles China Company 601 Harrison Avenue, Newell, West Virginia.*

Cost? Averages less than 60 cents per piece!

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HUDSON brings you THE MOST of all you've wanted most!

The amazing and exclusive New Hudson "step-down" design is the key, not to just one or two "features", but to overwhelming advantages in beauty, room, ride, performance and safety obtainable only in this entirely new type of motor car!



The modern design for '49!

ONCE you drive the gorgeous, low-built New Hudson, it's easy to forget vague promises of just a little "more" of this or that!

Here, in one magnificent automobile, is thrilling proof that the lower a car can be built, the more graceful its lines can be made, the better it will ride and perform, the more surely it will handle and the safer it will be!

Incidentally, all makers now claim their cars are "lower". But the New Hudson is not just "lower". It's the *lowest-built car* on the highway! Yet, thanks to "step-down" design, Hudson has amazing head room and full road clearance!

Here is not just a "more" beautiful car, but the perfectly proportioned, wonderfully symmetrical car millions vote America's *most* beautiful. That's "step-down" design!

Here is not just a "roomier" car, but a car with the *most* seating room in any mass-produced automobile built today! "Step-down" design again!

Here is not just a "more" hug-the-road ride. The New Hudson has the *most* stability in motion you've ever experienced in an automobile, because it has the *lowest* center of gravity in any American car! And that's "step-down" design!

And here is not just "more" performance. Hudson brings you two great engines—the all-new, high-compression Super-Six—America's *most* powerful Six—or the masterful Super-Eight, the basic power plant for Hudson-built cars that hold the *most* official AAA records in the book!

What's more, only Hudson provides exclusive features, such as chrome-alloy motor block, that contribute so much to low upkeep costs.

Your Hudson dealer has one of these great cars awaiting you for a trial drive. Won't you see him right away?

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ONLY HUDSON BRINGS YOU ALL THESE *PLUS* FEATURES: Automatic gear shifting with ***Drive-Master Transmission***** . . . 121-h.p. high-compression ***Super-Six Engine,*** or masterful 128-h.p. ***Super-Eight*** . . . ***Center-Point Steering*** . . . ***Triple-Safe Brakes*** . . . ***Full-View Curved Windshield*** . . . ***Wide-Arc Vision*** . . . ***No-Glare Instrument Panel*** . . . ***Interior Door Handles, Window Controls*** in recessed door panels . . . ***Super-Cushion Tires*** . . . ***Safety-Type Rims*** . . . ***Weather-Control Heater-Conditioned-Air System*****.

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HUDSON DESIGN OTHER CARS

Hudson's "step-down" zone (at "A", above left) permits a lower center of gravity for greater safety, improved roadability, smoother ride; provides amazing head room, far more seat room; allows a low, streamlined silhouette—full road clearance.

All other cars have floor on top of frame (see "B", above right) so they fail to utilize vital space between frame members. Result is a higher center of gravity and either a high roof line or insufficient head room. Seats are also narrower.

New Hudson

ONLY CAR WITH THE STEP DOWN DESIGN

Eight body styles in Super Series and Commodore Custom Series. Ten rich body colors. Two special colors, five two-tone combinations—white sidewall tires—at extra cost.

Grow plants that can take it

You can get valuable garden help from New York parks where plants have to be tough

By Hal Burton

When you need advice on gardening, you try to find a man who has done a lot of it. Here's your chance to get some valuable tips from the biggest gardener in the nation.

Commissioner Robert Moses heads the New York City Department of Parks which cares for two-and-a-quarter million trees spread over 25,000 acres. No one has ever been able to count the shrubs and other plants in those acres.

His problems are yours magnified a thousand times. You are concerned about one type of soil; New York has all types. Your garden is in one piece; his is scattered over hundreds of square miles. And he operates on a strict budget.

Experience under conditions like that has taught the New York Department of Parks a great deal about growing things. Some of the things it has learned may be helpful to you.



Photograph: Pix

Commissioner Robert Moses of New York's Department of Parks has the job of keeping the city's parks and streets green. His organization must know what to plant and how to plant it



Shade: Japanese black pine
(*Pinus thunbergi*)



Small tree: English hawthorn
(*Crataegus oxyacantha*)



Shrub: Scotch rose
(*Rosa spinosissima*)



Low cover: Vine honeysuckle
(*Lonicera*—many good varieties)

Here are suggestions to help you find the right plant for any soil

Planting in sand

If sandy soil is your problem, you may find a solution among the list of plants which grow on sandy ground in New York City. Most of the sprawling area of Brooklyn and Queens lies on sandy subsoil, while the wind-swept Atlantic coast of Long Island is almost pure sand.

Shade trees: The adaptable London plane tree and the silver poplar grow even along the seashore. So does the Japanese black pine which resisted even hurricanes that hit the region. Don't depend on it for planting in the central part of the country, though, because it likes to be near the ocean. However, the willow is a tough, resistant tree for sandy, windy spots, and does well inland. Pin oaks grow well on sandy subsoil and so do the red oak, honeylocust, and sugar and Norway maples.

Low trees: Intermediate trees for sandy earth are the well-shaped hawthorn, and the inkberry (*Ilex glabra*) whose rich, black-green foliage and shiny black berries can do a lot for your garden. Use it in naturalistic plantings or as a foundation shrub; it grows 6 to 8 feet tall.

Shrubs: Beach plum, holly, *Rosa rugosa*, and Scotch rose are all excellent shrubs for very sandy soils.

Low cover: Try honeysuckle vine for sandy as well as other types of soil, but don't use it for formal plantings because it likes to ramble.

More on next page

LET A NEW DISCOVERY ABOUT HOT WATER

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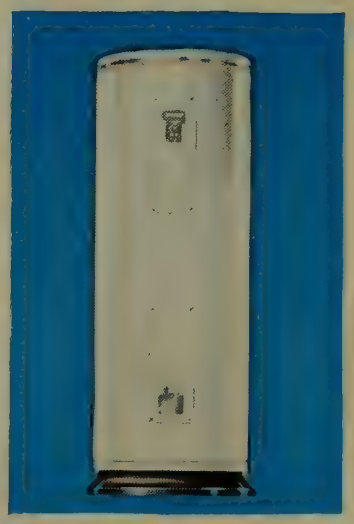
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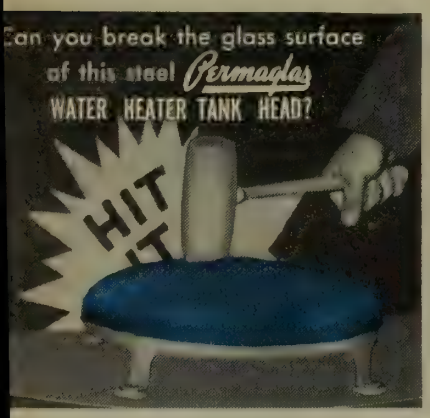
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Too much clay?

Clay-base soils are common over big sections of the United States; in New York they exist in the upper Bronx. Don't expect to grow any plant in pure clay, though. If yours is that bad, you'll have to do something to improve it before planting.

In general, most plants which grow in sandy or rocky soil will do well in clay, along with some additional ones, because clay holds water better.

Shade trees: The pin oak which grows freely in the Bronx will give you an excellent shade tree. Other suggestions are the Norway maple and the London plane.

Small trees: The versatile hawthorn takes to clay as it does to the drier sandy and rocky soils. Deciduous magnolia is another small tree for your home; its early-spring flowering has few equals for beauty.

Shrubs: Black haw grows well in either dry or well-watered spots. Or you can borrow the viburnum from the Bronx. It grows 6 to 8 feet tall, and you'll like its spring flowers, its scarlet berries in late summer, and its glossy foliage.

Low cover: Matrimony vine will spill gracefully over your rock walls and difficult slopes. Boston ivy is lower growing, and so is evergreen English ivy, whose hardy variety, Baltic ivy, will grow in climates colder than that of New York.

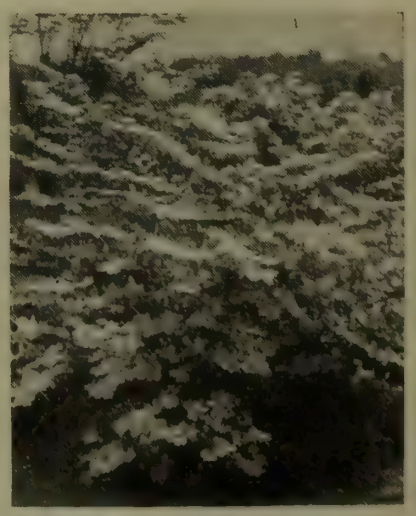
McFarland, Davis, Smith, Costain, Healy



Shade: Pin oak
(*Quercus palustris*)



Small tree: Saucer magnolia
(*Magnolia soulangeana*)



Shrub: Doublefile viburnum
(*Viburnum tomentosum*)



Low cover: Matrimony vine
(*Lycium halimifolium*)

Dry, rocky soil?

Rocky subsoil usually means trouble for plants. Since roots can't go down after moisture, they spread out near the surface where soil dries out quickly.

The New York Department of Parks has that difficulty in rock-bottomed Manhattan. In addition, plants there must contend with gasoline fumes, dust, and the tramp of many feet. And yet, the right plants thrive.

Shade trees: The London plane is first choice among large trees for Manhattan. For your own rock-bound garden you might also select the sugar maple—a handsome tree at all times, and without equal when it takes on its amazing autumn coloring.

Small trees: The all-soil hawthorn again proves its worth in Manhattan where it's a standard intermediate tree. Try it for your own problem spot; its red berries make it striking even in autumn after leaves are gone. The flowering crabapple also grows well on rocky soil, and Regels Privet is a top choice for Manhattan.

Shrubs: The black haw can take Manhattan's worst punishment and still look good. The prairie rose is another good drouth-resistant shrub.

Low cover: Clematis is a hardy and attractive plant which makes a good cover for stone piles, slopes, and other rough spots. Choose one of the hardy varieties if your climate is severe.



Shade: Sugar maple
(Acer saccharum)



Small tree: Flowering crabapple
(Malus floribunda)



Shrub: Prairie rose
(Rosa setigera)



Cover: Sweet autumn clematis
(Clematis paniculata)

More on next page

New, Improved Eagle-Picher Storm Windows and Screens

Compare the motions it takes



To put on a hat *takes this many motions. These "guide light" photos were taken by attaching a light to the model's hands and photographing the actual motions of the hands.*



To put up a screen *takes this many motions. The "guide light" photos show how simple it is to change from storm sashes to screens—with Eagle-Picher Combination Windows!*

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Los Angeles — Workingmens Federal
Napa — Napa Federal
Oakland — Home Federal
Oakland — First Federal
Pasadena — Pasadena Federal
San Diego — First Federal
San Diego — San Diego Federal
San Francisco — Citizens Federal
San Francisco — First Federal
San Francisco — Home Federal
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Pittsburgh — First Federal
Wayne — First Federal
Wilkinsburg — Wilkinsburg Federal

RHODE ISLAND
Providence — First Federal

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Greenville — Piedmont Federal
Greenville — Fidelity Federal
Florence — Florence Federal
Newberry — Newberry Federal
Spartanburg — First Federal

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Continued from preceding page

Hillsides and slopes

Visitors to New York are always impressed by the miles of beautiful plantings along the magnificent parkways that cut through the city's traffic knot.

The planting problems there are much the same as those of any homeowner on average fertile soil, while parkway slopes create the same difficulties as those on any garden slope or hillside.

Shade trees: The choice here is wide, but among the best for your own home lawn are red oak, sugar maple, walnut, hackberry, and the old stand-by, elm. However, don't use elm in areas where blight affects it.

Small trees: Again there are many, but among the best for you to adopt are hawthorn, deciduous magnolias, dogwoods, and flowering apples and crabapples.

Shrubs: For your difficult hillside planting try aromatic sumac, forsythia, and climbing and shrub roses. There are a few plantings of laurel and azaleas along the New York parkways, but only in special places because motorists are too apt to stop and pull off branches. You can use them freely without that danger.

Low cover: Honeysuckle vine and matrimony vine are good for covering steep banks. Or use Boston ivy or English ivy, especially in shade. English ivy stands deep shade—in fact, it dislikes much sun.



Shade: Red oak
(*Quercus borealis*)



Small tree: Flowering dogwood
(*Cornus florida*)



Shrub: Mountain laurel
(*Kalmia latifolia*)



Low cover: English ivy
(*Hedera helix*)

More on page 166

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 Continued from page 164

Plant a tree so it will grow

Because the New York Department of Parks plants thousands of trees, its methods have to be foolproof. You can assure your own success in planting trees by borrowing these techniques.

Planting size and season: The Parks Department considers spring the best time to plant trees, although late autumn is almost as good. Trees 2½ inches through and 11 to 12 feet high are usually selected.

Digging the hole: The pit for the tree is dug 5 feet across and 3 feet deep, although it is made half again as big if subsoil is very poor. It is also dug larger, if necessary, to provide at least 12 inches of space between roots and side of hole.

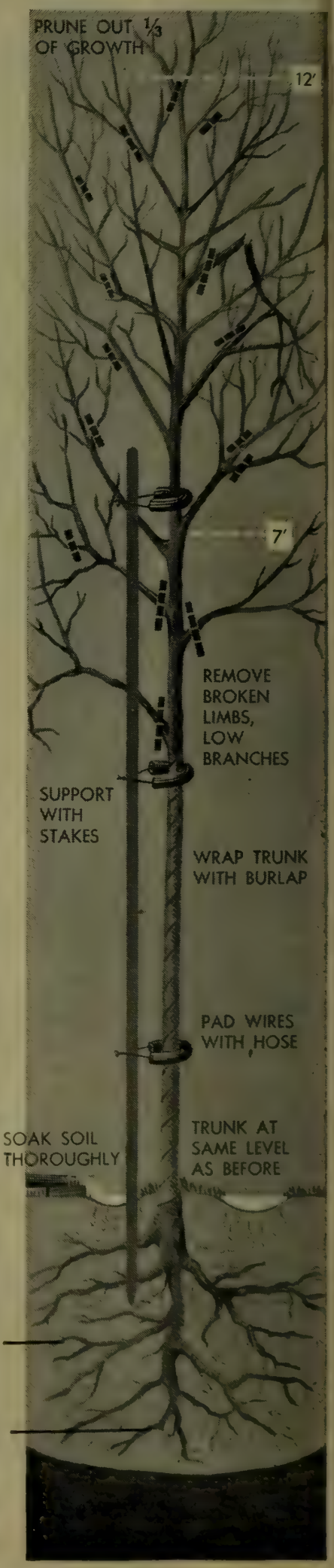
The right soil: Rich topsoil mixed with one-seventh its bulk of organic fertilizer is used to fill the hole around the tree. You can do as well in your home garden by mixing peatmoss or compost into the topsoil. Also add about a quart of plant food for each hole, and mix thoroughly into the soil.

Planting the tree: The tree is set at the same depth as before, and the space under and around roots filled with topsoil enriched as above. This soil is firmed and afterwards thoroughly settled with water. Leave a depression around the trunk to catch water.

Staking: Park trees are supported by 8-foot stakes driven into the ground a foot from the trunk. Wire padded with a length of garden hose ties tree to stake. Guy wires will do just as well where there is no danger of anyone tripping over them. Never tie wires tightly around trunk.

Pruning: Broken and damaged branches are removed, and so are limbs less than 7 feet from the ground which would eventually interfere with traffic under the tree. Other branches are thinned until at least one-third of all top growth has been pruned out.

Care after planting: Wrap the trunk from ground to first branch with a burlap bandage to prevent sunscald during the first year. Water frequently and deeply.



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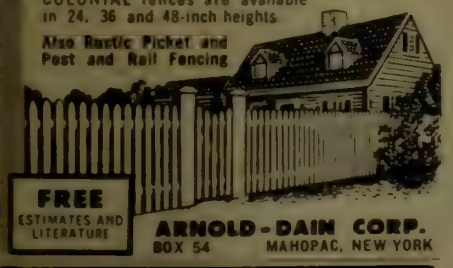
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"We'll have to move! The boss insisted I take one of these and try it out!"

How to visit a baby

Begins on page 159

Stay put. Don't urge your presence in the nursery when mother is feeding, bathing, or diapering Baby. Many new mothers are too polite to say no, although they prefer getting acquainted with Baby's needs in solitude.

Don't second guess the doctor. There are probably as many theories on child care as there are doctors and babies, so don't attempt to discredit her doctor's methods if they differ from your doctor's. Despite the changing, contradictory theories most babies develop healthily and happily. Why plant a doubt in the new mother's mind?

Be nonchalant. If you have little experience with infant behaviour, expect to be surprised by the queer actions of this one. Don't utter loud exclamations of dismay or fear when the baby spits up or looks otherwise miserable. You may startle the baby—to say nothing of his mother—more than you realize.

Many happy returns. Don't splurge a week's salary on an adorable bit of handmade, unwashable fluff for the baby. The well-dressed baby today is attractive and comfortable with a simple and easily cleaned wardrobe. So save a busy mother a trip to the store to exchange an impractical gift.



"Certainly shines like a mirror, doesn't it?"



New Coleman Automatic Furnace

Costs So Little It

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Dual-Wall or Flat-Register Models. Dual-wall (at top) fits under wall, throws heat in rooms on either side. Flat, (above) fits in open floor, throws heat thru arches or doorways. Both types for all models, for gas, LP gas, oil. Note: Coleman makes dual-wall OIL floor furnaces!

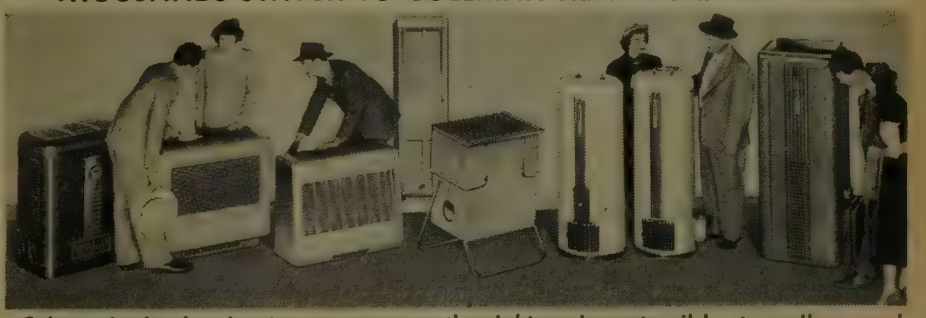
Low cost isn't the only reason this Coleman Floor Furnace is replacing old, dirty stoves and heaters. It's automatic—ends fire tending. It's clean—no ashes to carry, no grime to mess up your house.

And it gives you so much clean, healthy circulating warmth—even the floors are warm. It sits in the floor; needs no basement; gives you more usable floor space.

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Coleman

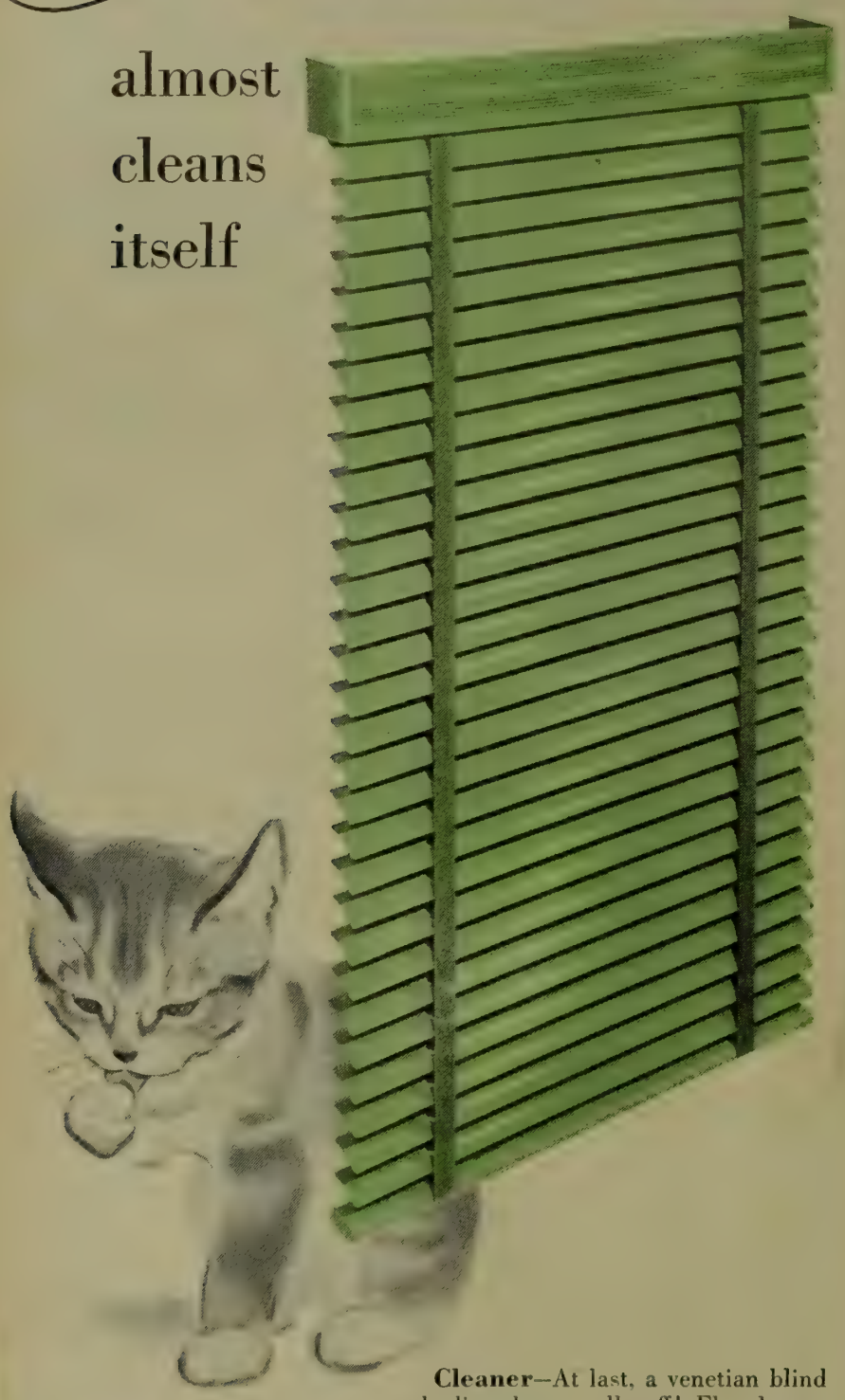
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Take advantage of summer

Barbecue makes



By Elizabeth Gilrain

Eating outdoors around a barbecue fire is anybody's idea of fun. Your job as host or hostess will be an easy one if you plan ahead. Locate the fireplace and table close to the kitchen, if you can, so serving will be little work. Arrange for some shelter to break the wind and cast shade during the hot part of the afternoon. Plan to have lights placed close enough to keep the fireside bright, but far enough away to outwit the bugs. Here, at the home of Bud and Virginia Cutler, Westwood, California, is a simple sheltered barbecue-terrace that fills the bill. See how they did it.



Adjustable gooseneck ceiling lights can be focused directly on the dinner table, the fireplace, or terrace. Bud extended his cement driveway up to the fireplace to avoid a muddy patch around the barbecue

entertaining easy



Barbecue shelter shields guests from sun and wind, protects the fireplace from sudden gusts. Bud Cutler cut into the hillside behind the fireplace to make space for cement platforms and retaining walls at either side of the fireplace. Then he built the shelter itself from old lumber (see back view below). Virginia cut seat cushions from discarded mattresses

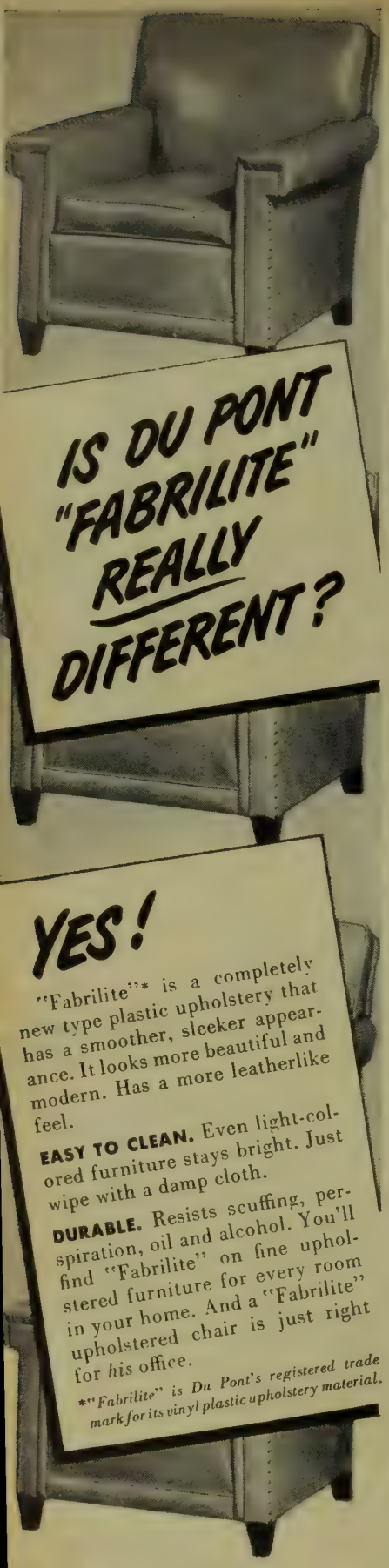


Photographs: George de Gennaro



Porch of the Cutler home is close to the barbecue so it's a handy serving aid whenever the Cutlers are eating outdoors on the terrace. The inside of the porch is painted green. A wide awning protects it from the sun





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Shelter barbecue for use all season

By Martha Darbyshire

If you think the weather's too unpredictable for you to get much use from a barbecue fireplace, you may want to examine this barbecue shelter. Wind and rain can't spoil your fun if you build a roof like this over the fireplace and serving table. The idea for the shelter is simple: a lean-to with three walls and a roof. Change the size and construction of the shelter to suit your own needs. See how well the shelter works.



Whatever the weather, you can grill your steaks or hamburgers here. A sturdy pine roof and back wall, with fencing and lattice at two sides, cut off north winds and drizzle. The shelter has been left open to the south, though, so it catches the summer sunshine. Weatherproof redwood furniture like this can be left out in the rain or rolled under the shelter

Morley Baer



Tiny kitchen at the right of the same fireplace saves many a trip to the house. Utensils and dishes are kept here in cupboards. Sink counter is two-inch planking, heavily varnished and waxed to resist wear. Mrs. W. W. Coates, Carmel, California, owns the fireplace; Hugh Comstock designed it



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Take advantage of summer

Indoor barbecue is fun rain or shine

The unused side of a double garage, a breezeway, or a sunroom with outside entrance can hold a barbecue wall like this. You'll get more use from a sheltered barbecue. Since food and furniture can be moved in or out quickly, this barbecue room lets you plan a barbecue in any weather.



George de Gennaro

When the weather's fine, trestle table and benches on the driveway make a comfortable eating spot handy to the indoor barbecue. The iron door beneath the grill opens for quick ash removal. A bamboo roller shade over the garage door provides sun protection with ventilation. Home of Mr. and Mrs. Samuel G. Levy



When it's rainy or cold outdoors, you can move the table and benches inside and still have a barbecue at your indoor grill. This white brick barbecue has an iron grill, a separate oven (to left), and built-in niches for seasonings. Cupboards at the right store dishes, silver, cooking utensils. Cement floor is easy to hose clean



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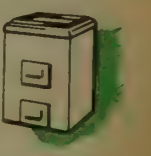
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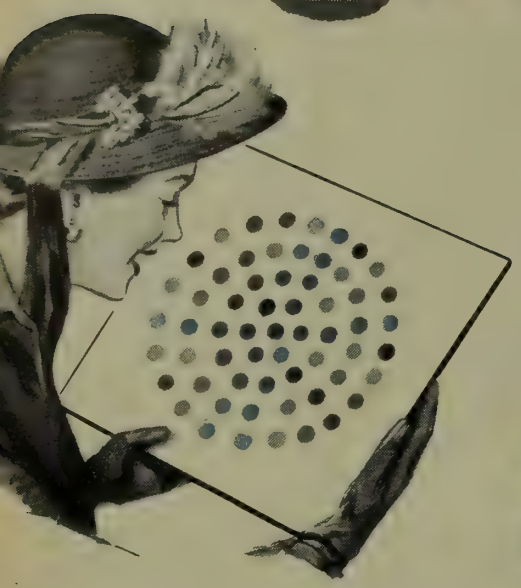
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How to enjoy being a father

Begins on page 37

dominates the family by default because Dagwood doesn't function as a father. She disciplines the children, spends the money, and manages Dagwood.

Even in earning the family income, Dagwood's constantly threatened by his boss, Mr. Dithers, who is always reminding him that circumstances beyond Dagwood's control may close down the Dithers Construction Company any time.

Perhaps you are up against the same problems as Dagwood. Like him, you may be an absentee father, nonfunctioning except on weekends. In the morning you can't stop to visit because you have to catch the bus. In the evening you're so pooped you take to the sofa as soon as you get home. You want more than anything else to be left alone. Like Dagwood, you seek escape in reading your paper, smoking your pipe, and taking a bath. You're bewildered by your children's questions and their problems. No wonder you end up crying, "Blondie!"

Well, what does your family need from you, anyway?

If you were away during the war, the members of your family got a chance to see what it was like to get along *without* a father. And if you were any good at all, they discovered that you provided things they couldn't get when you were gone. Important things like security, an intimate masculine response both to your wife and to your children, a model of male living for daughter and son to understand, and continuous contact with the workaday world. Millions of mothers were emphatic about it. "Children shouldn't be reared without a father."

One of your family's greatest needs is security. Your ancestors could turn to their clan in time of need. But your family's a lucky exception if it has a nearby uncle who can take your place if anything should happen to you. That's really the big reason why you're still important. It isn't a case of deciding who's *most* important. If yours is a small family, cut off from its kin, *both* you and your wife are indispensable.

But you're needed in a different way than she is. It is you who will become your daughter's first boy friend. On you she will practice her social repertoire, and she'll expect you to respond. She expects you to help her understand and appreciate the things that interest men. In the end, she will learn to love men genuinely and fully because you reward her first attempts at loving someone of the opposite sex.

It's also up to you to save your young son from too much feminine influence. By being around you, he learns what a man is supposed to be like and builds ideas of the sort of man he wants to become. Hero worship is powerful stuff.

But perhaps more than anyone, it's your wife who needs the affec-





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tionate response of a functioning husband. Your companionship and affection, if they're adequate and satisfying, enable her to be a better mother. To put it bluntly, your children need to grow up unhampered by the "smother" love of a mother who is starved for lack of affection from her husband. Your children will grow up and break away, and your wife must let them go. You, on the other hand, are a durable object for her affection. You can keep her maternal love so balanced that she can see your children become independent without its being too hard on her.

These are things which make you more than a mere earner and supplier of good things. Your reward comes in finding you belong in the family circle even more than Father Day in *Life With Father*—a lot more than tragic, nonfunctioning, absentee fathers like Dagwood.

How much fathering do you do?

There's a lot more to fathering than merely siring one or two children. How many of the services we've been talking about do you provide your wife and children? Are you so tied up in your job that you haven't time for your family? Margaret Mead, the distinguished anthropologist, believes that American fathers are victims of a system which throws all the homemaking onto mother and all the earning of a living onto dad. "We present to the child a father who is an animated whip to enforce his mother's role of affectionate ruler," she claims. Doctor Mead doesn't wonder that some fathers get less fun out of fatherhood than mothers do from motherhood.

How true is this statement of you? Are you nothing more to your youngsters than an "animated whip"? Do you do little or nothing to help take care of them and of your home?

Prof. Zella Dague studied 300 Iowa fathers a few years ago. Eighty percent helped punish, but only 30 percent did anything to help develop their children's interest in art, music, and other cultural activities.

Do you agree with the fathers who told sociologist Rachel Ann Elder that they enjoyed being a father as much as their wives enjoyed being mothers? As against two-thirds who said that, only 15 percent said they guessed motherhood was more enjoyable. Most of the fathers in this postwar study said they did things *as a family*.

Prof. L. P. Gardner, of Cornell University, studied 300 fathers and their 847 children. He found that 70 percent of the fathers figured they were "pals" with their offspring. But they didn't think their own fathers had been pals with them. They criticized their own fathers for the way they had handled discipline and for having been poor companions. Most of the young fathers figured they could provide enough income, but they weren't so confident of their ability to guide and teach and build character. Over half of them admitted they teased their children too much. And only a third of them had given any sex instructions.

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What returns do you get from being a better father?

Yesterday a man expected and often received thanks, respect, and prestige as head of a large family. He might even look forward to his children supporting him. Today you can get your meals cooked and your clothes mended more cheaply without a wife than with one. Each child costs $15,000 or more by the time he's 18. What indeed are your returns?

Well, there is still prestige in fatherhood. The community pins the badge of maturity on its fathers. But this is nothing compared with the returns which come from the love and companionship in a growing family.

If you try just a little, you can get as much out of fatherhood as that contented dad, *Better Homes & Gardens*' "Man Next Door." Remember some of his memories that make all the alleged "hard work" of fatherhood seem like nothing? Here are some of them:

"When your youngest confides it makes him happy, as he goes to the bathroom at midnight to see a light shining under your door. . . . When your 8-year-old tells you he'll build a special room on his house for you and mom to live in when you're old. . . . Your pleasure when your daughter kisses you on top of the head. . . . When your small son asks if you're going to be out for dinner and cheers if you say no. . . . When your daughter comes home only 5 minutes late after a date and perches on the edge of your bed for a chat. . . . When you're in the middle of a lecture to your son (and secretly feel pretty stuffy about it) and he suddenly says 'You're right, Dad.' . . . When your daughter treats you as a contemporary. . . . When you suddenly discover that your family shares your secret idealisms and scorns the same things you scorn."

You can have memories like these, and 10 or 20 years from now you won't take a million dollars for them.

What is a good father?

What do you think of when you try to visualize the ideal father, the ideal mother, the ideal child? These ideals themselves can make or break you as a parent.

Professor Elder tried to find out just how fathers pictured *themselves*. She asked each father to write down three things a *good* father does, three things a *good* mother does, and three things a *good* child does. What she found was a wide variety of opinions which she divided into two concepts of parenthood—*traditional* and *developmental*.

Before reading further, you may wish to write down your own answer and then see if you hold traditional or developmental notions about you and your children.

Professor Elder found that two-thirds of the fathers were predominantly *traditional* in their ideas. The traditional fathers felt it was up to parents to *make* children be good and "mannerly." As one of them put it:

"A *good* father makes an adequate living, maintains his family

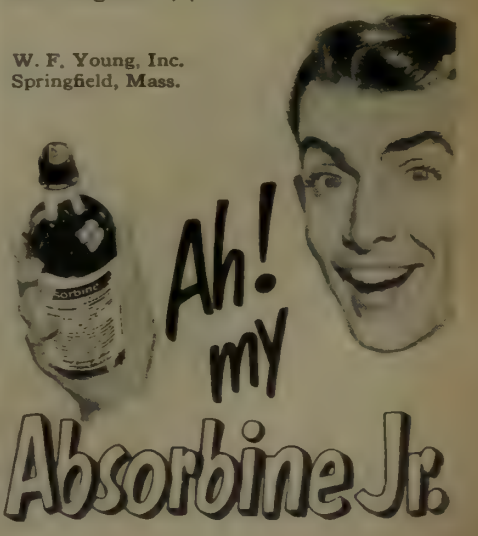


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How to enjoy being a father

Continued from preceding page

to the best of his ability, and likes to have his family have the best he can offer. A *good* mother takes pride in her house, pride in its appearance, and enjoys keeping a nice home. A *good* child is polite, minds, and knows enough not to act a fool."

A third of the fathers, though, agreed with one who answered: "A *good* father is interested in what his child does, helps his child to be interested in what the father does, and wants to help the child attain his own goals. A *good* mother is interested in the child, shares activities with the father and the child, and places the care of the child high. A *good* child is lively, not smart aleck if intelligent, and is full of the devilment so that he wants to be in everything."

These last fathers had predominantly *developmental* concepts. This may be a new one to you. But being *developmental* means nothing more than paying more attention to the growth and development of your boy's or girl's personality than to little Lord Fauntleroy notions of "being good." In addition, to be *developmental* is to let your wife and yourself grow and develop as *persons* instead of as model housekeepers and upright perfectionists. A developmental father respects his child as a growing person, likes to hear him "speak up," takes pride in his increasing self-reliance, replaces punishment with an understanding, growth-encouraging type of guidance.

Take the developmental instead of the traditional path and you'll get greater satisfactions from your family than you could ever get from outside success. Instead of feeling that parenthood is a duty which you're expected to discharge, you'll look upon parenthood as a privilege which you have chosen to assume.

What can you do to be a better father?

My first suggestion is that you share more of your business and professional life with your children. You can provide a link between the known, thoroughly explored region of home life, and the unknown, unexplored, intriguing world of outside affairs.

Children play "house" because they understand it. They don't know how to play "office" or "shop." You should give your young hero worshippers an opportunity to learn how "Dad goes about his business." Later, as they grow up, they will enter upon careers with fewer feelings of uncertainty.

Let your children visit you at the office, shop, or factory. Let them lunch with you, take a business trip with you, or get an earful of the shop talk from the men with whom you work. These are great helps to understanding what it means to be a man of affairs.

My second suggestion is that you use your time at home to be a

TO PREVENT A FLOODED BASEMENT



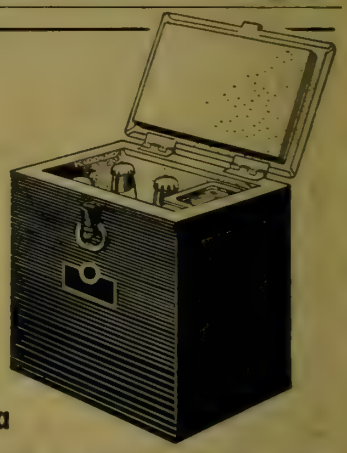
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Here is the home of Mr. Paul C. Van Valkenburgh, Omaha, Nebraska, who writes, "Our basement has become a really liveable area for fun and relaxation since we got our Delco-Heat Gas Conditionair. The General Motors people sure knew what they were doing when they built this heating unit. It gives my whole house an even, humidified temperature—yet costs less to operate than my old system."

Mr. Van Valkenburgh, like thousands of others, knows that General Motors has the "know-how" to build the *best*—and factory-trained Delco-Heat dealers have the "know-how" to install it *right*. The American Home Improvement Co., Omaha, made the installation.

Delco-Heat Conditionair—an automatic gas-fired warm air furnace—heats, cleans and humidifies the air in your home. For oil, gas or coal-fired automatic heat—see your nearest Delco-Heat dealer. Or write—



Delco Appliance Division, General Motors Corp., Rochester 1, N. Y.

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better father. Are you *really* so tired when you get home that you must do as Dagwood? Must your wife be burdened with explaining: "Quiet, daddy has worked all day. Leave him alone like good children." Napping before supper is stealing time from fathering just as much as if your wife chose the same period to take *her* siesta. And many dads I've known find they get a real change from the wearing pace of the day by relaxing *with* their youngsters.

But if you're hopelessly worn out when you get home, try taking a nap at noon. A friend of mine called this an impractical suggestion. "How many dads can take a nap at noon?" he asked.

Well, if a table top, bench, or bare floor is all you can find, nap on them. It may be unconventional, but it's certainly not impractical! Napping is probably as valuable as lunching, and no one has called that impractical! At any rate, you have only yourself to blame if your boys and girls get the impression you're an old tired man who does something mysterious by day and can't be bothered at home except to give punishment.

It's true that you probably have fewer hours at home than your father did. Only one man in five earns his living at or near his home today. Hence the feeling has grown that, as a father, you don't count for much in the life of your children. But the facts are just the opposite. Although the time you have to spend with your children is limited, it is fully as important to them as the longer time they spend with their mother. Your actions are more likely to be remembered. Your words are more likely to be listened to because your hearers haven't developed as good a case of father-deafness as they have of mother-deafness. Your deeper voice and greater vigor in dealing with issues make a more lasting impression than you realize.

What's more, George Bach, a psychologist who has asked a lot of children what they think of their fathers, says you don't have to be a superman to succeed at fathering. You don't even need to have "a way with children" as long as you are moderately friendly and understanding. Bach found that children exalt their fathers into the kinds of persons they dream of becoming. He passes on this advice, "All that is necessary is to be with the children, and they will supply through their own active imaginations, those special qualities that they like to see in their dads."

It's too bad that more dads don't realize this. Actually if you'll just listen to Junior's questions and try to answer them you'll find that's all you need to crack the monopoly on child rearing which mothers and lady teachers have been forced to exercise.

If you can learn to listen and respond when Junior's still a baby, you'll have a start on listening and responding to him as a preschooler. And preschoolers, you'll discover, talk better if you get down on the floor and look across eye to eye to understand the things that chal-

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How to enjoy being a father

Continued from preceding page

lenge them. Talking together, playing together, and working together follow in order. In fact, your youngsters will be more conscious of your love if you do things *with* them than if you try to demonstrate your love in stereotyped ways.

It was at the dinner table particularly that children were once supposed to be "seen but not heard." But now we know that family table talk is the best way there is to establish togetherness.

After-dinner hours can be story hours, play hours, or discussion hours. Tell your wife to let the dishes soak until the children are in bed. Then pitch in and help her while you relive the day together.

All these suggestions imply that every family needs to do things together. *Belongingness* and *togetherness* are important words. Both are by-products of things you do as a family.

How to get closer to your children.

You're not alone if you find it hard to talk freely with your children. Lots of fathers have the same difficulty. They're waiting for the day Junior grows up and shows an interest in things like politics and baseball. This is like buying a dog that's already housebroken. You can't get the same understanding of dogs from one that's already trained that you get from a pup you've trained yourself.

Mrs. Hill and I had three children, Judy 7, David 4, and Susan 1½ at the time we first tried our "What do you think" technique. The "What do you think" technique is our name for a method we worked out to break down the barriers between a dad and children who don't talk freely to each other. I'm going to let you in on it.

My wife, like most women with three children, was loaded with tasks which pyramided just when she had to start getting dinner. Together we discovered that life was a lot more satisfying if I took over the two older youngsters just before dinner and kept them in charge until bedtime. Thus freed, Marion could concentrate on feeding Susan and getting a hot meal on the table. I found that Judy and David really needed a father at this time of day. This was just when they were the most active and needed the most attention.

I experimented with roughhousing, playing games, practicing acrobatics and other tricks, but these were too strenuous and stimulating before bedtime. We tried storytelling and reading, too. But, because David and Judy wanted nothing but blood-and-thunder adventure stories, I felt I was missing the chance to share their thinking about other aspects of living. I promised myself to vary the story menu.

One night, quite by accident, we discovered a method for getting much better acquainted. Questions

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which had been raised about the story were still pouring out of Davey's head as he and Judy climbed into their double-decker bed. Davey said, "Let's wait up a few minutes, I want to finish, please, Dad."

I looked at my watch. "All right, would five minutes do it?" It would. Off went the lid with the question, "If snow falls from the sky, why doesn't the moon, or the stars?"

Why, Daddy?

Ask me no questions,
I'll tell you no lies.
Spare your poor parent
That torrent of *why's.*

From dawn till exhausted
You endlessly yelp:
Why must I . . . ?
Why, Daddy? . . .
Why can't I . . . ?
HELP!

I'm forced to renege
When beleaguered and riled.
It's a *why's* father
That *No's* his own child.

Ethel Jacobson

I stuttered mentally and tried to remember my physics. What was that principle in the law of falling bodies? I couldn't remember, and that's when I passed to Judy with the key question we asked so frequently thereafter, "What do you think?" Judy suggested that they were so far away, that's why. Davey countered that it looked as if fairies held up the horseshoes when the neighbors pitched a game, so why couldn't God hold up the stars and moon.

Surprised at this willingness to take the ball and run with it no matter how complex the questions, I agreed to continue some more discussions like this the next night I put them to bed.

I found "What do you think?" amazingly productive in getting discussions going and pushing it deeper. My pattern of action was one of active listening and passive ball-passing. I allowed the discussion to go wherever it would, and ideas spilled all over the place.

Direct questions from either youngster were met with "Anybody have any ideas about that one?" Often they didn't really care whether I gave them the final answer. Once I asked in fun, "Don't you care what I think?" Judy grinned and said tolerantly, "Sure, but don't talk too long, it's almost time to quit."

Mrs. Hill and I discovered that either one of us could operate the discussion without spoiling the spontaneity of the questions. And we found that talking them over afterward added to our enjoyment of growing up with the children. Both children appeared to us as more understandable personalities.

What kind of questions did we get? Well, there were some about reproduction, sex differences, and conception, but these in turn brought questions concerning the processes of digestion, respiration, and elimination.

Because our youngsters had just lost a grandmother and also a playmate, Mary Ellen, who had died from polio, they asked questions about life and death: Why did Grandma die? (Judy thought her body wore out.) Is her body still in the ground? If you can't breathe, do you die? Is that why Mary Ellen died? Does it hurt to die? Why didn't you pray for Grandma not to die? Is heaven in the sky? Is God like magic? Is God alive? Do angels really have wings? Are there really giants? Was Goliath that kind of giant?

We also got questions involving personal and social relationships: Why do people say it's better to give presents than to get them? Why can't we just pray for God to give the poor people in Europe enough to eat and clothes to wear instead of us sending these things to them? Why do people have babies who don't have enough money to take care of them? Why are there so many Santa Clauses at Christmas and none other times?

I think I've illustrated what the "What do you think?" technique can do to open up the silence between dads and children. With us, and with many of our friends who have tried it, it became a short cut to issues which were most pressing to Davey and Judy. It provided a sort of sounding board to which they could bring both questions and possible answers. It established a chummy "we" feeling between us. And strangest of all, there was a keenness in the questions and in the answers that we had not anticipated. We were frankly dismayed to discover how badly we had underestimated the shrewdness of our youngsters.

The formula for being a better father is still in the making. All I have tried to do is give you some ideas I know have worked. It isn't easy to be a father in 1949, but you can make it the greatest experience of your life.

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SOLID CAST ANODES FOR NEW TANKS

NOTCHED ANODES FOR REPLACEMENT

Idea house that sets a trend

Continued from page 45

need only between-times parts of an easy schedule to feed clothes and linens into the automatic washer, dryer, and ironer in the utility area.

You men will appreciate the fact that the kitchen equipment has taken your job as helper, and fired you into the living room or recreation room. If you tinker with tools, puddle in photographic chemicals, or tie flies, you can have the hobby room in the basement to yourself.

You will be pleased with the out-of-the-way but not out-of-reach space provided for storage of storm windows and screens. Moreover, you don't have to open or shut the garage door—just push a button to set the electronic controls in motion.

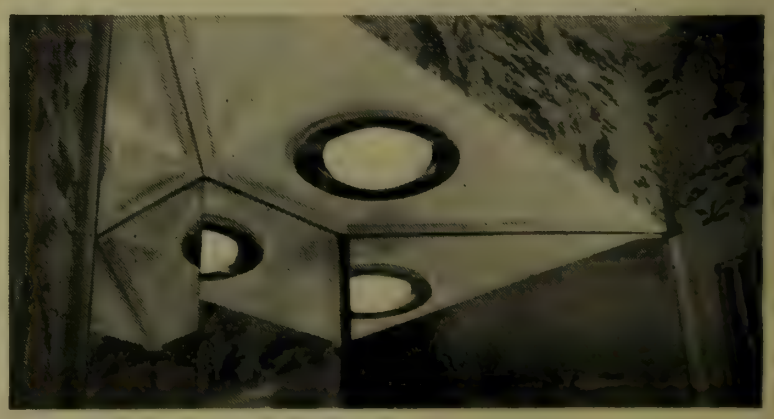
Your children, too, will enjoy playing in the recreation room, where they can roast wieners and marshmallows in the raised fireplace. There's little they can do to harm the wood wainscoting on the walls or the asphalt tile floor.

And they'll find the quiet and seclusion of the study will make homework as pleasant as it can be.

This, then, is the Trend House: a home engineered to save you steps, and give you comfort, but with the slide-rule and drawing-board calculations artfully concealed by good taste. It's full of ideas for *your* home.

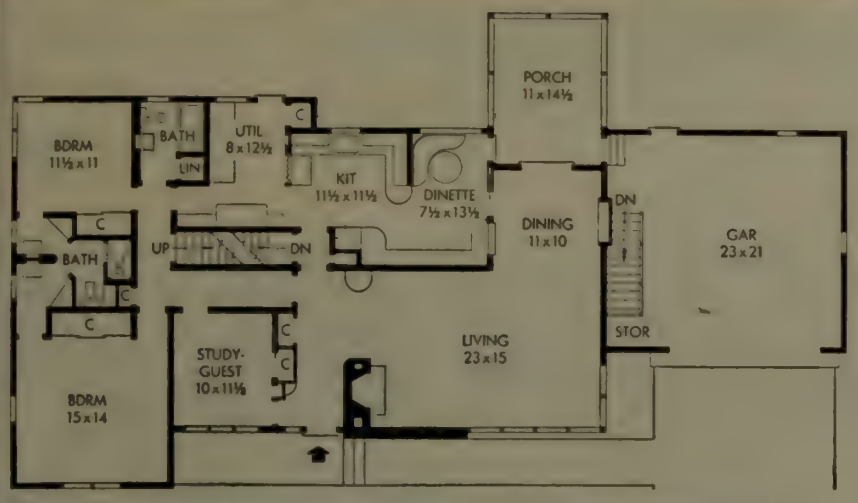


Sound-muffling cork tile covers floor of small study-guest room; two walls have harlequin-design wallpaper. Door leads to bath, bedrooms



Triple mirrors, recessed ceiling spotlight, give theatrical efficiency to the cosmetic corners in divided bathroom's two lavatory compartments





Smooth-working plan ties together the Trend House's many good ideas into a home of statuesque beauty, designed for comfortable living



Folding doors divide bathroom. Toilet-shower section can be joined to other two units, each of which has lavatory, dressing table



Efficient garage has recess for storm windows, screens. Stairway goes to basement; door (not shown) to main floor. Doors are electronic

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Are you really giving yourself to your children?

Putting first things first is important. But how do you decide what is first?

By Helen Reeder Cross

"I think I'd faint, if you ever really looked when I asked you to," my young son said in obvious despair. Shocked, I dropped what I was doing and really looked at the boat Jack had been trying to show me. He had been working on that boat for weeks. Here he was, honoring me with a first look at it. I had given it one glance, a cursory, "Fine, Jack," and had turned away.

I began that evening after the children were in bed to ask myself how I rated—from their viewpoint—as a parent. Jack's accusation had obviously not been prompted by this one episode. I must have failed him before and Ginny, too. How many times, I wondered, conscience-smitten, had I failed to give them appreciation, encouragement? Sure, I thought of myself as a good parent. I kept a pleasant home atmosphere for our family. I fed Ginny and Jack a carefully balanced diet. I kept them clean and neat.

I saw that they visited the dentist and the doctor; I drove them regularly to music lessons; I attended Sunday School with them. Yet Jack's tone, as well as his words, showed that he was beginning to expect that I would fail him somehow.

It took some thinking, some looking back over the day before it dawned on me that I hadn't been putting first things first with my children.

The things I had been doing weren't the most important after all. It was a spiritual accord with his mother and dad that Jack had missed.

Routine and the pressure of work can dull one's awareness of a child's need for our encouragement, help, and inspiration. An institution could give him all that he requires of physical necessities. But only a home and understanding parents can water and nourish the spirit.

There had been other times—I remembered now—when Jack had asked me a riddle, but I was too busy to stop and think of an answer. Times, too, when he had invited me to look at a new oriole's nest, only to have me beg off.

Just yesterday Ginny had asked me to make a new dress for her doll. Finishing Ginny's own skirt had seemed much more important to me.

But a child's set of values is not the same as our more mature one. In all fairness, we should weigh some things by their standards of importance, not ours. Only when we do so can we teach a democratic way of life.

There is such a thing, of course, as allowing a child to become too demanding. Some children exact every morsel of their parents' attention, whether the family is alone or has company. I am not speaking of these, but of children who lead busy lives of their own. Because they're so absorbed with outside interests, we become weaned from a readiness to grant them attention.

We pay attention to them only at certain specified times of our crowded day. We do not welcome interruptions or requests. Yet, how much we miss if our children stop thinking we are interested in all that interests them.

Dropping one's work at a moment's notice, can, I'll admit, put you hopelessly behind in work that has to be done. But most boys and girls are reasonable enough if you don't simply dismiss them with a careless nod or an absent-minded word. Sometimes it means taking time to explain, "Yes, I'd love to sit down with you for half an hour, Jack, and look at your papers. If I do, will you help me catch up by sweeping the porch for me?" Being dealt with on such an adult basis is flattering. And children love making bargains, even when the bargain means work.

First things first. But often it is difficult to tell *what* should come first. It often helps to project the two conflicting demands into the future.

Which will Jack remember in later years—the basement that was cleaned dutifully by his dad on a Saturday morning, or the fact that he came out when invited to watch Jack fly his kite?

Of which will Ginny think most fondly when she reminisces about her childhood—the ironing that her mother finished to the last piece, or the tea party she surprised her with on a rainy day?

Some people seem to have been born with a gift for knowing which are first things. They know that a glorious spring day is for picnicking or seeking wildflowers, not for washing windows.

But there are a lot of us—I was one—who must remind ourselves every once in a while that our children's values are not only different from grownups', they're even better sometimes.

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How to make strawberry preserves

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1 Place washed and stemmed whole strawberries in heavy saucepan. Cook 3 cups berries at a time for best color, flavor



2 Add 3 cups sugar. Pile in cone in center of berries as shown in picture. Do not stir berries and sugar together. The berries will absorb sugar, and stirring would mash them



3 Place pan over medium heat. When bubbles first appear at edge, set timer. Cook just 25 minutes. Do not stir. Remove preserves from heat; pour into bowl; cover; let stand overnight. They'll be plump, whole

Photographs: Wesley Bowman



4 Fill hot, sterilized glasses with cold preserves and seal with paraffin. Here are strawberry preserves so perfect, opening them will be an occasion, and eating them a special treat

Strawberry Jam, see page 82



Tips on Table Settings

Save at every meal by using crisp, white, lace-paper Roylie place mats. Use matching Roylies under glasses, desserts, etc. Beautiful as real linen. Cost less than laundering of linens. Get Roylies for every meal—variety of shapes, sizes, patterns. At 5 & 10's, naborhood, Dept. Stores.



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AT YOUR FOOD STORE



Less work, more fun at picnics, too!

Plate meals—

Begins on page 63

Individual Veal Pies

Fluffy mashed-potato border on top—

- 1 pound veal breast or shoulder, cut in 1½-inch pieces
- 1 teaspoon salt
- ¼ teaspoon pepper
- 2 tablespoons fat
- ½ cup sliced onion
- 1 cup cooked carrots, cut in 1-inch sticks
- 1 cup peas
- 2 to 3 cups moist mashed potatoes

Flour meat and season; brown on all sides in hot fat. Add 2 to 3 cups water. Simmer until tender, about 1 to 1½ hours. Thicken if necessary. Add vegetables—transfer to individual casseroles. Top with border of mashed potatoes. Brush potatoes with 1 beaten egg mixed with 1 teaspoon paprika. Brown in moderate oven (375°) 30 minutes. Serves 4 to 5.

Broiled Lamb Chops

Serve chops on toast to catch every drop of juice goodness—

Buy 6 loin lamb chops 1-inch thick. Place skewer through tail end of chops to hold in place. Preheat broiler. Broil 2 inches from heat 6 minutes or until brown. When brown, season with salt and pepper; turn and brown other side; allow 12 to 15 minutes for chops 1 inch thick.

Minted Pineapple Sherbet

Cool and delicately green, with the refreshing tang of mint—

- 1 cup milk, scalded
- ½ cup chopped mint leaves
- 1 cup (1 8-ounce can) crushed pineapple
- ¾ cup sugar
- ¼ cup light corn syrup
- 1 cup light cream or top milk
- Green food coloring

Pour scalded milk over mint leaves. Cover and let stand 1 hour. Strain; add remaining ingredients. Tint a delicate green with food coloring; mix thoroughly. Freeze in refrigerator tray. Turn into chilled bowl; beat thoroughly. Return to cold tray; freeze until firm. Note: If you do not have fresh mint, use 3 drops peppermint flavoring. (Don't heat milk.)

[*Turn to next page*



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Ripe olives from California fill an honored place in the diet. Among other good values, California ripe olives offer nourishing protein...and they're a source of Vitamin A and iron. But the reason California ripe olives are famed throughout the world is FLAVOR!

Bite into one. Here's plump, meaty goodness. Here's good eating. Have another...enjoy all you want! (Yes, even if you're a "calorie-counter." For 8 to 10 California ripe olives just about equal 100 calories.)

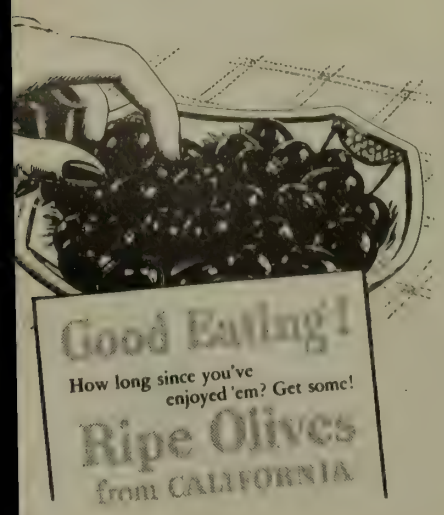


Plate meals

Continued from preceding page

Dried-Beef Casserole

From start to finish, it takes less than 30 minutes—

- ¼ cup chopped onion
- ¼ cup chopped celery
- ¼ pound dried beef, shredded
- ¼ cup fat
- 4 tablespoons enriched flour
- 2 cups milk
- 2 cups cooked macaroni (1 cup uncooked)
- ½ teaspoon salt
- ¼ teaspoon pepper
- 1 tablespoon minced parsley
- ⅓ cup grated American cheese

Cook onion, celery, and dried beef in hot fat until onions are golden. Stir in flour; add milk gradually and stir till slightly thickened. Add macaroni, seasonings, and parsley. Pour into greased individual casseroles. Sprinkle with grated cheese. Bake in moderately hot oven (400°) about 20 minutes. Serves 4 to 5.

Tuna Salad Mold

Celery and green pepper give it crispness, lemon juice furnishes a tart accent—

- 1 tablespoon (1 envelope) unflavored gelatine
- ¼ cup cold water
- 1½ cups hot water
- 3 tablespoons lemon juice
- ¼ teaspoon salt
- 1 7-ounce can tuna, flaked
- 1 cup chopped celery
- ½ cup chopped green pepper

Soften gelatine in cold water; dissolve in hot water. Add lemon juice and salt. Chill until partially set; add tuna, celery, and green pepper. Chill in individual molds until firm. Serve with mayonnaise. Serves 6.

Bran Muffins

They're feather-light and tender, with flecks of bran—

- 2 tablespoons shortening
- 3 tablespoons sugar
- 1 egg
- ¾ cup milk
- 1 cup bran
- 1 cup enriched flour
- ½ teaspoon salt
- 2 teaspoons baking powder

Cream shortening and sugar; add egg and beat well. Stir in milk, then bran. Add flour sifted with salt and baking powder; stir until dry ingredients are just moistened. Fill greased muffin pans two-thirds full and bake in hot oven (400°) 25 to 30 minutes. Any type of bran may be successfully used in this recipe.

Strawberry Shortcakes

Old-fashioned shortcake with golden butter, whipped cream, and sweetened berries—

- 2 cups enriched flour
- ½ teaspoon salt
- 4 teaspoons baking powder
- 2 tablespoons sugar
- ⅓ cup shortening
- ½ cup milk
- 1 slightly beaten egg
- 1 quart strawberries

Sift flour, salt, baking powder, and sugar; cut in shortening until mixture resembles coarse crumbs. Add milk and egg, all at once; stir until mixture follows fork around bowl. Pat out on floured surface to 1-inch thickness. Cut with 2½-inch floured biscuit cutter. Bake on ungreased cooky sheet in hot oven (400°) 20 minutes. Split; spread with softened butter. Put sweetened berries between layers and over top. Serve with plain cream or sweetened and flavored whipped cream. Makes 6 shortcakes.

Spiced Canned Apricots

Apricots steeped with vinegar, sugar, and mixed pickle spices for that piquant flavor—

- 1 No. 2½ can (3½ cups) whole peeled apricots
- ½ cup vinegar
- ½ cup sugar
- 1 teaspoon mixed pickle spices

Drain apricots. To the syrup add remaining ingredients; heat to boiling and boil 5 minutes. Add apricots and simmer 5 minutes. Cool and store in covered jar in refrigerator.

Broiled Luncheon Loaf

Orange marmalade makes the sparkling glaze—

- 2 12-ounce cans pork luncheon loaf
- ½ cup orange marmalade

Slice luncheon loaf. Spread slices with orange marmalade and place under broiler for about 5 minutes. Serves 5.

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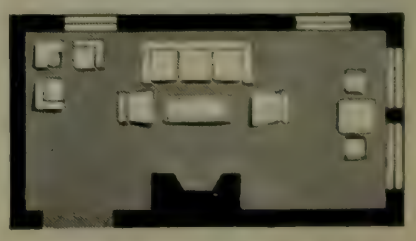


"Wonderful news, dear! The builder says we might get a roof next week!"

Home furnishings answers

Q. *How can I plan a conversational grouping for my long, narrow living room? Mrs. G. L., Albert Lea, Minnesota.*

A. Plan two or three conversational groupings rather than one. Try a pair of chairs and a game table near far windows; group chairs and tables around the sofa or fireplace; work out another grouping around your radio or piano. Small separate groupings will make your room seem cozier because everyone will be part of an intimate conversational circle.





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is a family affair

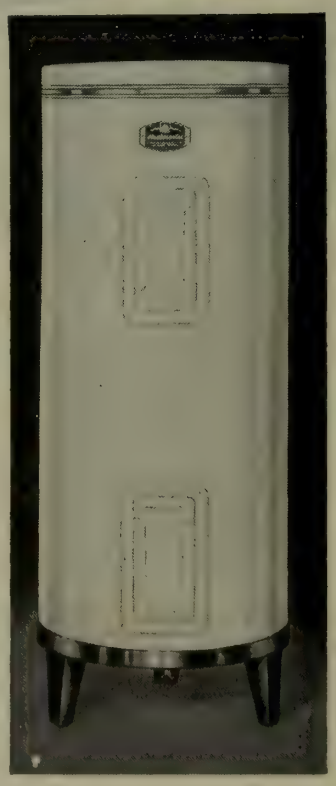
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How to replace a

By Stanley Schuler

Can you replace a broken window pane—and pocket the cash a professional job would cost you?

Think twice before you answer yes. There's more to glazing than slapping on a little putty. You want a job that will keep the rain outside. You want it to be reasonably permanent. You want it neat enough to look well.

That doesn't mean the job is difficult. Far from it. Setting glass is one of the simplest jobs you can do. But you need know-how and the ability to pay attention to details. One professional trick, for example, comes in replacing broken windows that are large, or on the second floor. You can simplify such jobs by removing the frame and placing it on a flat surface. To remove the frame, pry off the stops—the wooden side strips on the inside of the window.

You'll find other tricks of the trade in the pictures, which show you, step by step, how to glaze a window.



1. Remove broken glass. If the pane is shattered, put on a pair of heavy work gloves and pull the pieces out before you do anything else. If the glass is only cracked, however, remove putty first (see below). That way you can remove the larger pieces with less danger of cuts as you lift them out



2. Chip out old putty. It pays to take pains with this job. Every trace of old putty must be removed so new putty will stick. Use an old chisel or jackknife, and chip out the putty a little bit at a time. If you try to pry out a long piece, you may split the wood. Remove the glazier's points (metal triangles holding glass) as you go. Then measure for new glass



3. Apply linseed oil. Before you insert new glass, daub a heavy coat of linseed oil on all wood that will be covered with new putty. That keeps the wood from soaking oil out of the putty, making it dry and crumbly. Put oil on with an old brush. You can substitute thin lead-and-oil paint if you want

broken window pane



4. Apply bed of putty. Using a putty knife, spread a thin (1/16-inch), even layer of putty on wood strips the glass will rest against. This is called "back-puttying." It stops leakage of moisture and air, and cushions glass against shock of driving glazier's points in

Photographs: Camera Associates, Inc.



5. Set in the glass. To forestall breakage, set new glass in the frame with the concave side in. You can determine the concave side by sighting along the edge. Center the glass in the opening. Press it down firmly, so all air pockets in putty are eliminated and you have a window sealed from the weather



6. Drive glazier's points. About every 4 inches, lay a glazier's point flat against the glass and start it into the wood with your fingers. Then tap it halfway in with the edge of your chisel. Slide the chisel on the glass, and you'll reduce the danger of cracking the pane. Inspect points carefully; replace those not wedged tight against glass



7. Apply putty. The putty should be about the consistency of dry, thick dough. It's best to start with a fresh can, but you can use old putty that is somewhat plastic. Just add a few drops of linseed oil and knead mixture on a piece of glass. When putty is pliable and free of lumps, roll it into pencil-size strips. Then, starting at a corner, lay strips end-to-end around glass. Press the strips of putty lightly into place

More on next page



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M REG U.S PAT OFF.

How to replace a broken window pane

Begins on page 186



8. Smooth putty. Holding putty knife at an angle, smooth out the putty. Use long, corner-to-corner strokes. Don't let the putty spread so far onto glass that it can be seen from inside. Scrape up putty that is cut off and use it to fill despressions. Repeat the process until bevel is smooth. You can wipe stains off glass with turpentine cloth

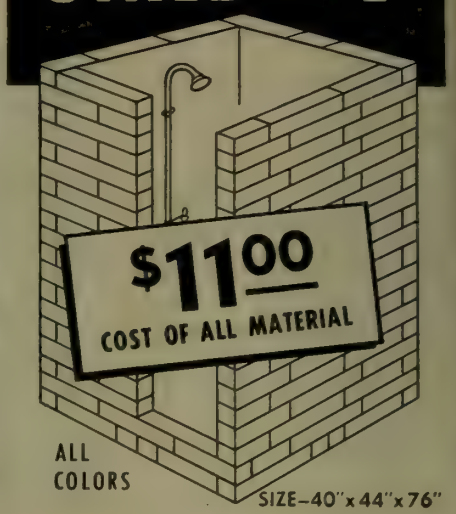


9. Paint two days later; putty won't be hard, but the surface will have toughened enough to withstand drag of the brush. Use outside paint, and apply two coats. Use a metal shield to keep paint off glass. But don't neglect to seal edge between putty and glass; paint at this point keeps out moisture, helps insure a lasting job. Paint that gets on glass can be removed with a razor blade when dry



Door glass. In many doors, glass is held with thin wood strips instead of putty. If you are careful, you can remove these strips without breaking them. Insert edge of chisel behind a strip on long side of opening. Pry gently, and strip will bow out without breaking. Nails will pull through, can be removed with pliers. After first strip is out, others follow easily. Set in new pane, nail strips back in place

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Build yourself a storage wall

Begins on page 58

Our storage wall was built into an entry hall, but it could easily be fitted into almost any room. We spent about six weeks of spare time on the job. Some of our decisions, reached by trial and error, may help you.

For example, the 9-foot ceiling called for 9-foot supporting panels. That meant waste and fitting with standard 4x8 plywood panels. So we cut three uprights from a 5x9 table-tennis top, without waste; the fourth upright is built of scrap lumber and faced with ¼-inch plywood.

The chest of drawers presented difficult construction problems, so we had the job done by a professional cabinetmaker. As sides and back are not exposed, a skeleton frame holds the drawers. This part of our storage wall cost us $38.75 for labor, $23.93 for lumber.

Pine facing strips nailed on front plywood edges finish the unit neatly, strengthen it, give a solid foundation for door hinges, and add a valuable inch of inside space.

The plywood doors were lipped in an hour by a friend with a power saw, making it unnecessary to get the precise fit required with flush doors. Hinges are of the offset type made for kitchen cabinets.

The photographs show, step by step, how we went about building our storage wall.



Use long wedges where necessary to level each section of your storage wall. Few old houses are square, and if leveling is omitted doors won't work right. Note that pilot holes for flathead screws have been drilled and countersunk; the upright can be attached to shelves as soon as leveling is completed. Shelf near floor strengthens the unit, improves its appearance, and makes cleaning of unit much easier

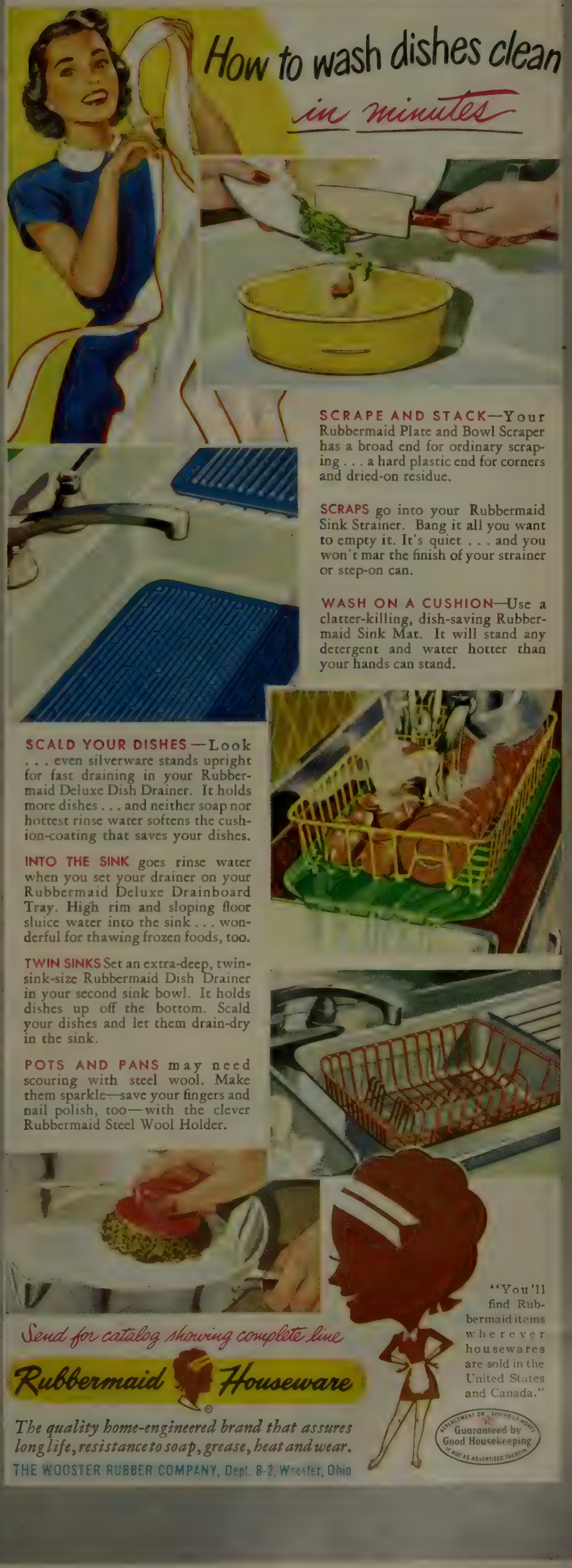


Square each joint as you go, and you'll more than make up time on subsequent fitting. Strips of plywood, glued and nailed to edge of each upright, will add strength to facing strips of pine on which doors will hang. Note skeleton frame of scrap lumber against wall; it was used instead of plywood for economy, will be faced later with thin plywood



Long screws, driven into the edge of a plywood shelf, serve as dowels and give the unit all the strength necessary. Note that the shelf is set into the reinforcing plywood strip at the edge of the upright. Where possible, it's good practice to cover rough plywood edges with neat wooden facing strips

More on next page





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Storage wall



For children, consider adjustable shelf and hanging rod. This one is held with metal strips and movable clips, usually sold for use in bookshelves. The opposite side of this upright is exposed. To avoid having rows of unsightly screw heads showing, the fixed shelves rest on cleats which were screwed from the inside



Skeleton frame for drawers, built to order, slips neatly into place. You can expect a fit like this only if you have measured carefully and kept sections square and level. Frame will be anchored by screws driven through uprights. Note facing strips along floor and in background

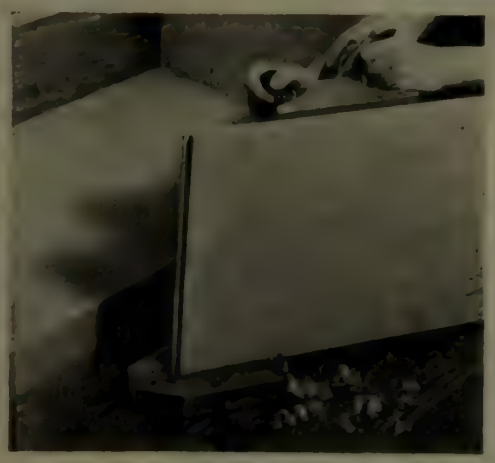


By sighting along straight-edged board, you can line up sections before tying them together. Side sections will be joined by high center unit and by screws holding chest. Block tacked to upright brings it to same width as those with facing strips. In the rear strip, note recess provided for joint

Continued from page 189



Hide the nailheads with stick shellac, melted on spatula and pressed into place. As shellac hardens, smooth it out with a sharp chisel, then with fine sandpaper. Select shellac that will match the final finish of the wood, as it will not take stain



Doors lipped on a power saw, like this, are easy to fit as the lip hides slight errors. If you have only hand tools, flush doors are easier to make. Hand clamps hold the door upright while the outer edge is rounded with a plane, in preparation for the sandpapering



A simple jig, made by nailing two scraps of wood together, will help you locate door pulls so they will be spaced evenly. You'll find that this method is quicker and more accurate than measuring for each pull; also, the location of all pulls can be marked at one time



To attach pulls, clamp them on, drill pilot holes, and drive round-head screws through from the inside. The washers keep screwheads from chewing into the wood. These pulls, as well as those on drawers, were made by cabinetmaker who built chest—at no extra cost



Final sanding with 3-0 sandpaper includes rounding all corners slightly so finish will adhere. As the first step in finishing the unit, all plywood was coated with fir sealer to subdue the prominent grain. Then oil stain, selected to match woodwork, was wiped on all wood with a cloth. Over this went a sealing coat of white shellac followed by two finishing coats of satin-finish varnish



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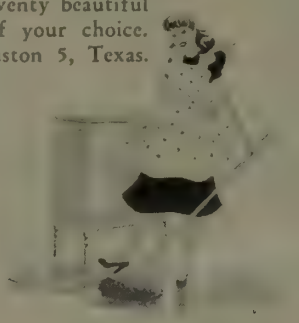
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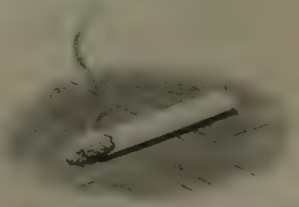
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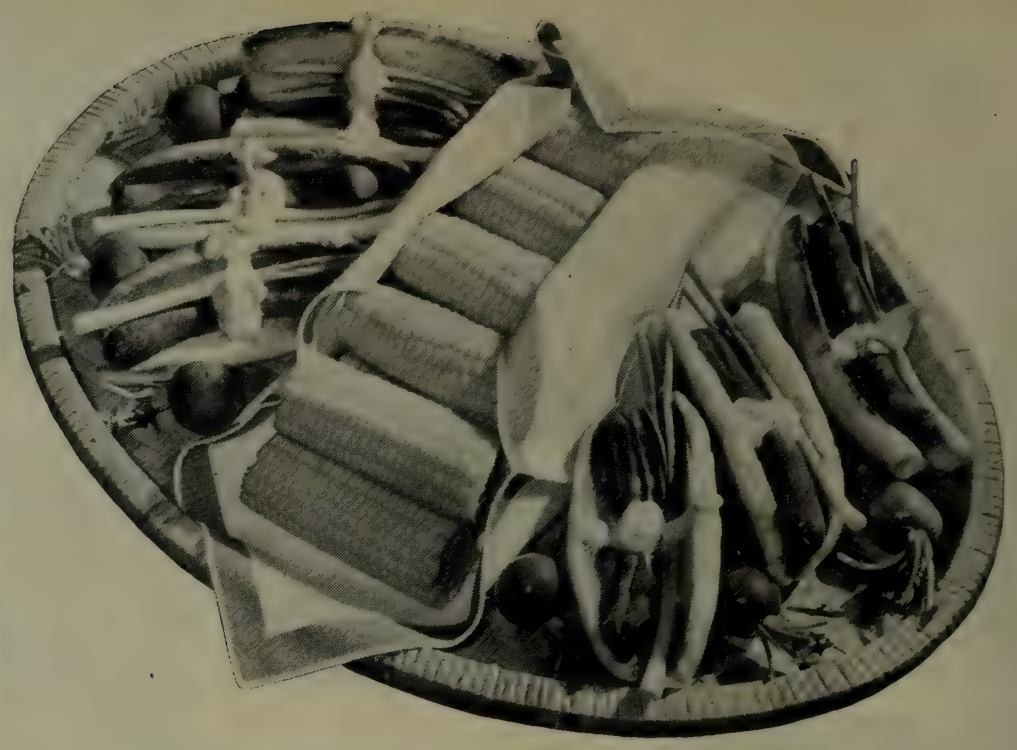
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FLOORS OF DISTINCTION

Handy baskets for fresh-air meals



Porch platters give your outdoor table a gay, festive air. These woven platters come in sets of four. You can use them for individual lap trays

By Betsy Nichols

Summer eating is fun—when you stack your food in a basket and head for the out-of-doors. The baskets, below, are designed for simple, easy meals on the porch, in the back yard, or at your favorite picnic spot. They're featherweight, gay, and inexpensive, perfect for casual living indoors or in the open air—from now right through September.



Hiker's shoulder bag carries lunch for the noon stop on the trail. The leather strap fits securely over the shoulder. This versatile basket doubles as a roomy handbag, or the fisherman in the family can use it for a creel

More on page 195



Motorists' lunch basket fits snugly between the front and back seats of the car. One side holds two vacuum jugs for beverages, the other packs the food and the picnic ware

Photographs: Photography, Inc.



Picnic hamper makes outdoor eating easy. Partitioned basket has sandwich box and plastic plates, cups, and silverware for four



Chinese-style picnic basket carries enough food to satisfy outdoor appetites. Or toss in swimming suits and towels for a beach party





Metal-probing microscopes pry into the nature of sheet metals to make sure they can be formed in the graceful, sweeping curves specified by designers.

Cars have interior decorators, too. They are called trim engineers and a whole staff of them create the interior charm of GM cars.



Key to smart fashion

THERE'S much more to car styling than meets the eye.

It takes, first of all, the skill and judgment to create styles which are right.

But it also takes expert research, engineering and production to translate fresh new designs into a gleaming reality of glass and metal.

The reason that GM styling pleases so many car owners is that so many people in General Motors make it their full-time job to keep ahead of the style parade.



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Handy baskets for fresh-air meals

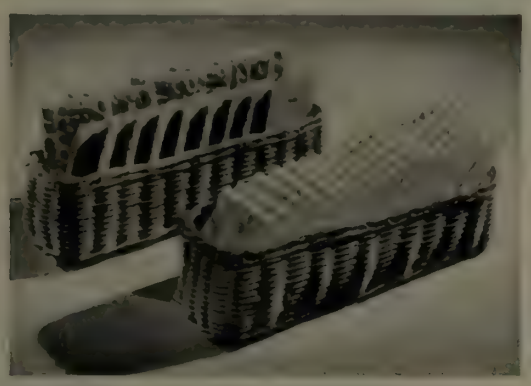
Begins on page 192



Party baskets make a hit with the younger crowd. These gay wooden baskets come in different colors, hold individual picnic-style lunches



Bottle baskets are stuffed with relishes, corn and bread sticks—all ready for dinner on the terrace. These lightweight baskets are easy to pass and hold. Before packing baskets with relishes pick up any excess moisture by rolling damp relishes lightly in a towel



Cracker baskets are custom-built to hold the salty wafers lined in a row. They're easy to pass, and are festive indoors or out

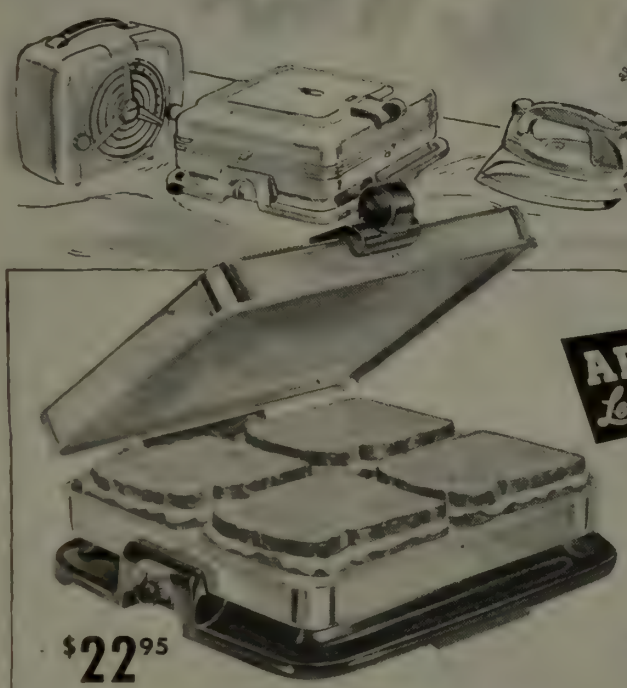


Summer dessert basket holds a ring of fresh fruit and crackers around a wedge of Blue cheese. The center of the basket is a cheeseboard

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Keep your range like new

By Genevieve Callahan

Will that shining new range of yours still look bright and new 2, 5, and 10 years from now? The answer depends almost entirely on how you take care of it; how you treat its finish. Good care assures longer wear, better cooking results, and eliminates unnecessary service calls.

There are four ways a range can lose its brightness: 1) Boil-overs on surface units or burners, 2) scratching, cracking, and spotting of porcelain, 3) boil-overs in the oven, 4) grease film and meat spatters on oven lining. Here's how to prevent them, and how to clean up after the spills and splatters that do occur:

Cleanup can be easy



Top of range

Wipe up spills immediately, especially acid foods like tomatoes. The porcelain enamel on your range is acid resistant, but it is not acidproof. Spills not wiped off right away dull the finish. If range is hot, use a dry cloth. Later when surface is cool, you can go over it with a cloth wrung out of warm soapy water. Rinse with clear water, polish when dry

Photographs: Stanley



Surface units

On most electric ranges you can lift the surface units and remove the pans underneath. Use very fine steel wool to get a high shine which will reflect heat back to the cooking utensil. Enclosed electric units are self-cleaning; spilled food burns off hot coils. When unit is cold, brush with a stiff (not wire) brush. Wipe chrome with damp cloth; spots may need rubbing with a mild cleaning powder



Grates on gas range

Grates lift off for soap-and-water scrubbing and to allow you to wipe pan underneath. When boil-overs do not occur, wiping the grate, burner head, and porcelain enamel parts with a damp cloth is sufficient daily care. In case of boil-overs on burners, see page 198

More on page 198

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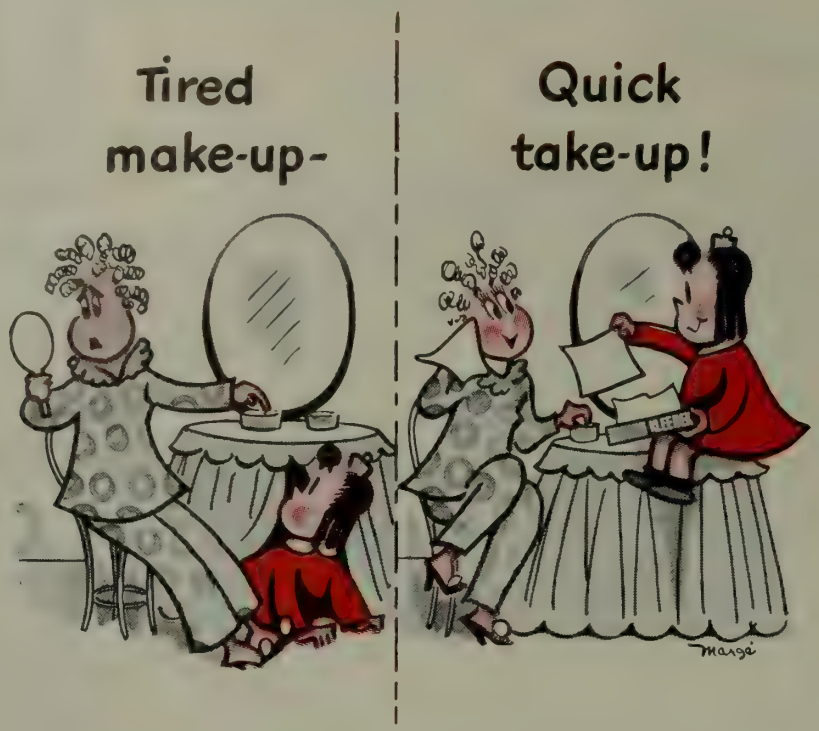
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Keep your range like new

Begins on page 196



Porcelain shell around burner head lifts out for an occasional sudsing and rinsing in the sink, and to get at burners if a boil-over occurs. Boil-overs that drip onto burners form sticky black coating unless burner is cleaned before it's used again. See below.



After a boil-over, burner from gas range should be scrubbed in hot soapy water with a stiff brush. Rinse, pat with absorbent paper toweling, and allow to dry in warm oven thoroughly before replacing in range. Drip tray below burners is easy to remove and wash in sink, just as you would a dish.



The oven. To loosen fat spatterings in oven, saturate a cloth with ammonia or pour about one-half cup into a saucer and allow to stand in closed oven overnight. If there's a burned spot on oven bottom place ammonia-soaked cloth over it. Ammonia fumes soften the greasy film.

Next morning: Take out oven racks; wipe oven thoroughly with ammonia-dampened cloth. Wipe again with a cloth wrung from clear warm water, then with a dry cloth. If it's an electric range, be very careful not to get any moisture on heating units. Scrub oven racks in the sink with a mild abrasive and hot soapy water.



The broiler. Immediately after using broiler pan, pour off fat, wipe pan with paper toweling, then run hot water over it and brush with stiff brush. Follow this quick treatment with a soaking in hot sudsy water during dinner. Occasionally you'll need to wash the lining of the broiler oven. In some gas ranges, the broiler glides can be removed, and in others the entire compartment comes out for easier washing.

How to prevent cracks and scratches

The porcelain enamel on your range is remarkably sturdy. But sudden temperature changes can cause the surface glaze to crackle into tiny squares, called "checking" or "crazing." So avoid wiping the hot porcelain enamel with a wet cloth or spilling cold water on it.

Scratches on the range top usually come from sliding hot heavy pans from the unit or burner to the porcelain work surface. Lift, don't slide the pan. And set it down gently. If the bottom of the pan is hot, rest it on a heat-resisting pad to protect the range.

How to prevent boil-overs top of range

Big thing to remember is that "high" heat is starting heat only, and should be used just until boiling point is reached—no longer. Boil-overs happen when heat is not turned down as soon as food begins to cook. "Low" heat is hot enough to keep food at the boiling point.

A minute minder—either the one on your range or one you can buy in any housewares department—will police your cooking. Set it for the number of minutes it usually takes for the food to reach the boiling point. It will remind you that it is time to turn down the heat.

The kind of food you are cooking, the amount of liquid, and the size of the pan are important, too. When you are making jelly or jam, for instance—where directions call for a "full rolling boil"—you will probably need to use medium or high heat; but if you use a big, broad saucepan, and stir the boiling syrup constantly, you can avoid overflows.

How to prevent boil-overs in the oven

When it comes to boiling up and erupting, Mt. Vesuvius has nothing on the fruit pie. The answer is to seal the piecrust around the rim.



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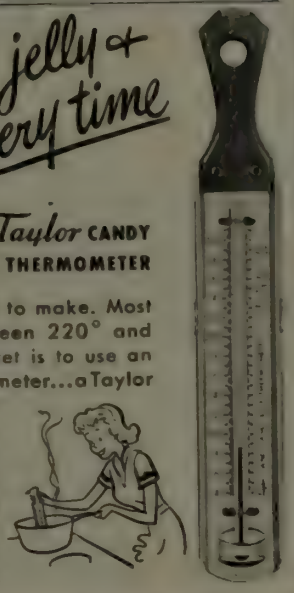
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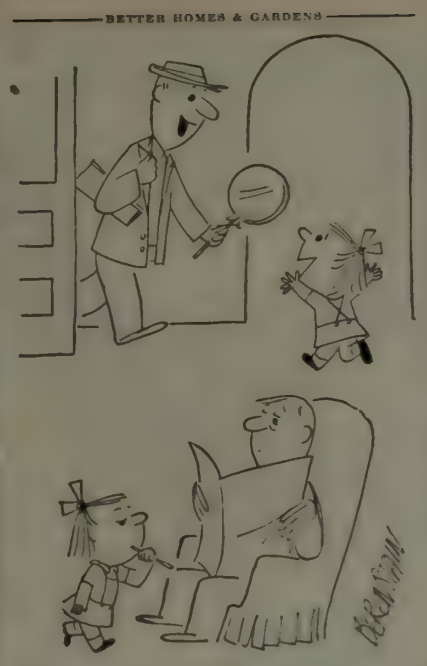
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This does take a few extra minutes, but not as long as it takes to clean an oven. Top crust should hang over one-half inch all around the rim. Tuck this in between the bottom crust and the pan, then flute the edge with thumb and fingers to seal. A strip of dampened parchment-paper pie tape stretched around edge gives extra security. So does a china pie bird in the center of the crust; the syrup boils up inside the bird, instead of overflowing and burning.

Covered casserole dishes are habitual boil-over offenders. The cure is to avoid filling the baking dish to the brim, and to use low to moderate oven heat. As for scalloped potatoes—which are notorious boil-overs—one good way to prevent trouble is to add only about half the milk at the start; bake, covered, 30 minutes, then add more hot milk almost to submerge the potatoes, and bake uncovered until tender and brown.

When baking just one pie or one casserole you can use a *small* cooky sheet to catch possible spill-overs. If, however, two or more pies are being baked at one time, a sheet large enough to catch the juice would cause uneven browning.

How to prevent oven spatters

You can practically eliminate spattering of grease from roasting meat—and consequent cleaning job—if you keep the oven temperature low (300 to 350 degrees).



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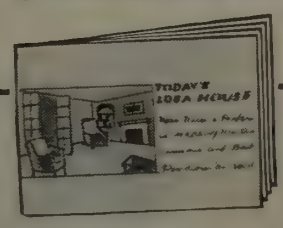
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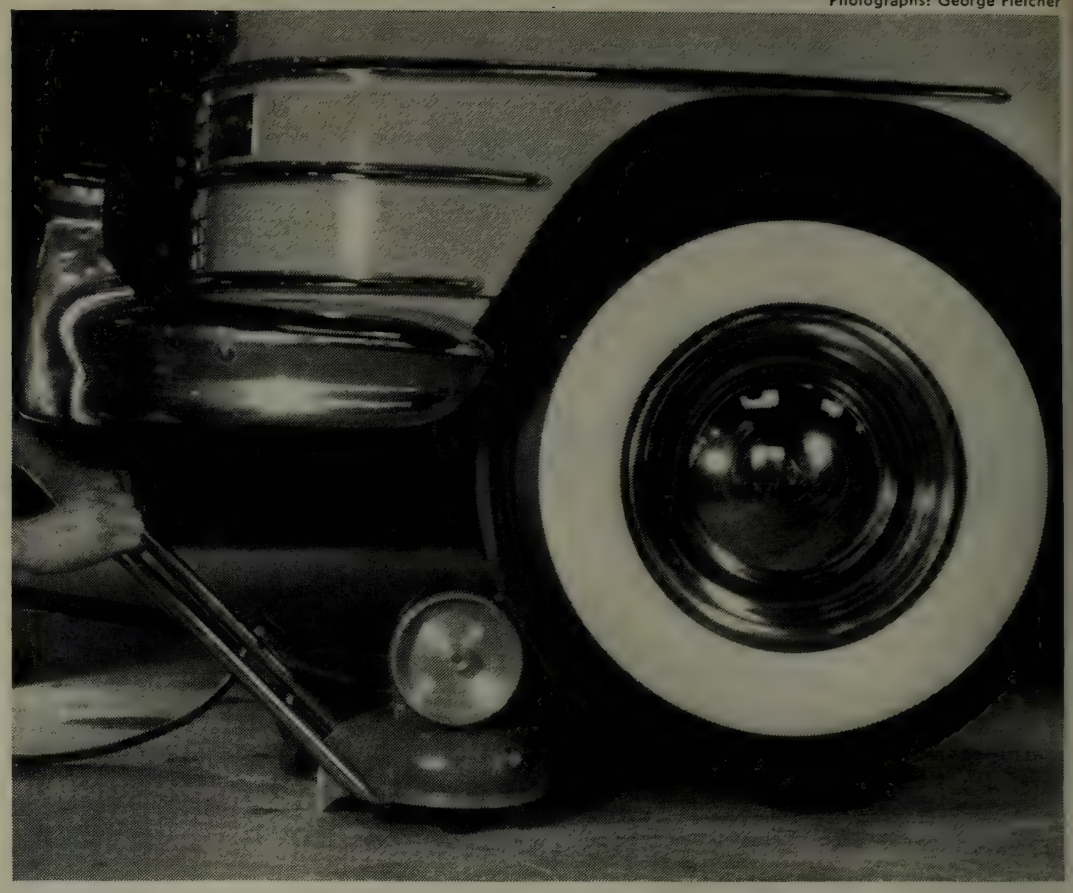
City.....Zone.....State.....

Your tires

How to make them ride smoother, last longer, go flat less . . . know the symptoms and save trouble and money

By Walter Adams

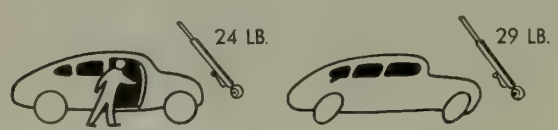
Photographs: George Fletcher



Remember how your car, when new, squatted down to the road at 70. Does it still? Or do you feel an uncertain flutter in it, as if it were rising up, quivering, ready to take off? That is one of the evils of unbalanced tires. And your car is dangerous even if you usually drive only 50. Here you see how balance is checked. An unbalanced wheel spun at high speed shakes the whole front end

This is about things you've got to watch yourself because nobody else is going to watch them for you.

Take that very simple old-hat thing, tire inflation. "Inflate low-pressure tires to 24 pounds," says the rule of thumb. That rule may be all right for low-pressure tires when they're cold, when they've been standing several hours. But if you inflate them after you've driven around town a mile or two before you get to the service station, you ought to inflate them to 27 pounds. And if



Inflate 24-pound tires to 29 when they're hot

you inflate them after you've been wheeling along the highway for a few miles at high speed, you ought to go to 29 pounds.

You see, as you drive, your tires flex, and this flexing heats the air in them and increases pressure. This is normal, desirable. If you inflate a tire only to 24 pounds when it's hot, it'll be 5 pounds under-inflated when it cools. When you drive again, this under-inflated tire will belly out, flex too much, and grow excessively hot, which results in faster wear and sometimes in broken casings.

Some auto manufacturers recommend more than 24 pounds pressure in cold tires anyway. Their cars are heavier, particularly in front, and they recommend 27 or 29 pounds. Follow their recommendation and increase your hot-tire pressure accordingly.

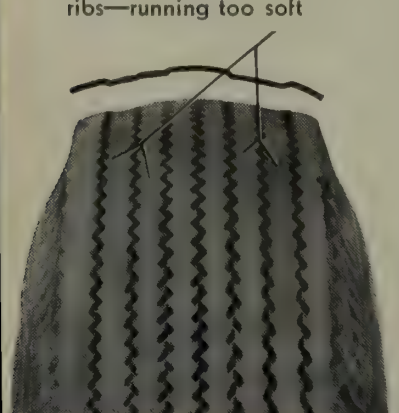
What wear indicates. You can read tire wear just as your doctor reads your physical condition with his stethoscope and little bottle.

Below in the photograph at left you see a sort of front-tire wear that sometimes shows up after about 3,000 miles. Note that the second and third ribs from the outside are slightly more worn than the center ribs. If this wear pattern becomes pronounced, or if it appears in rear tires, check with your service shop; it's a symptom of driving with your tires too soft.

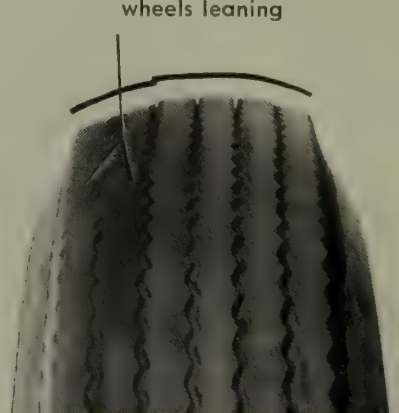
Now note the second photograph below. Cars are designed so that the front wheels are like the legs of a bowlegged, pigeon-toed man—they lean out faintly at the top and toe-in a bit toward the front. It makes for easier steering and less tire wear. If worn bushings, a bent suspension arm, or sticking springs or shock absorbers change this bowlegged, pigeon-toed wheel alignment even one degree, you can cut your tires out in a hurry. If, as in this second photograph, two or three ribs on one side of a front tire wear heavily, it indicates your wheels are leaning in or out too much at the top.

But if each tread rib is worn down more on one side than the other, giving a saw-toothed, stepped effect across the tire as in the next photograph, your toe-in is off. Usually the high side of each rib has a feather edge (you can see it better on a tire). If the inside of each rib is high, the wheels are excessively toed-in. If the outside is high, the wheels are [*Turn to page 202*

Worn second and third ribs—running too soft



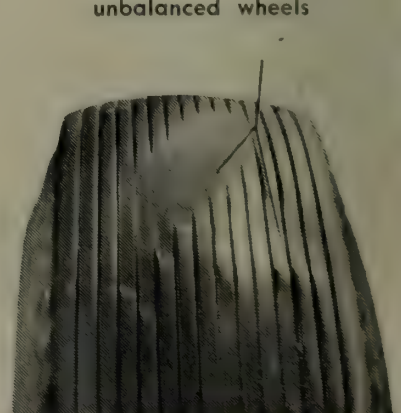
Wear one side—wheels leaning



Saw-toothed wear—toe-in is off



Cupping—brakes, unbalanced wheels



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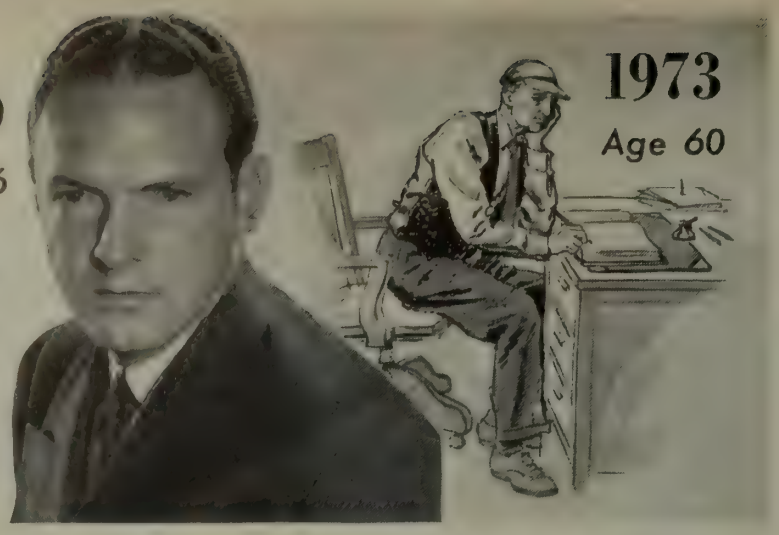
With sparkling tile on the tub area and service walls, they can be cleaned—and kept clean—as easily as a china dish. Never a worry about peeling or long exposure to heat and dampness.

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excessively toed-out. Either is bad.

You haven't the tools to correct this misalignment yourself. But by knowing the symptoms you can get to the shop with it before it ruins your tires.

Now look at the last photograph on page 200. When you see a shallow cup wearing into the tread, get at the trouble, for the cup will grow as this one has in the photograph. It may develop into a series of cups. In time, in a sensitive car, you'll hear and feel a distinct slap every time the cupped part hits the pavement.

There are four possible causes: a crooked or out-of-round wheel (called run-out); an unbalanced wheel (this is most likely); an imperfect tire; or faulty brakes that wear the tire in that one spot.

Checking balance and run-out, like everything else that involves brakes and steering, is a shop job. But you can rough-check out-of-round by jacking up the wheel and revolving it, and holding a pencil or key so that it just clears the center tread. If clearance varies more than a tenth of an inch, there may be your trouble. To rough-check for a crooked wheel, hold your pencil so that it just clears the bead seat of the wheel (that's the part that the tire bead seat's in; don't use the rim, it's less accurate). If the clearance varies more than .075 of an inch (approximately the thickness of two dimes), it's suspect. Have it looked into. Often it can be corrected merely by repositioning the tire on the wheel and rebalancing it.

But by far the most common cause of cupping is unbalance. Maybe you remember when your car was new, how it squatted down and hugged the road when you stepped up to 70. Does it still? Or do you feel a strange, indefinable fluttering in it, a feeling as if it were rising up uncertainly, quivering, ready to take off? (Keep it up and it probably will.) Sometimes it goes so far that the steering wheel quivers in your hands. Do you put that down to wear and age?

It isn't, usually. For the thing that causes this flightiness is the same thing that causes most cupping: unbalanced wheels and tires. The cupping, like a headache, is not a disease in itself but a symptom. And the cure is simple: get your wheels balanced, and switch the cupped tires to the rear wheels, where the wear is more even.

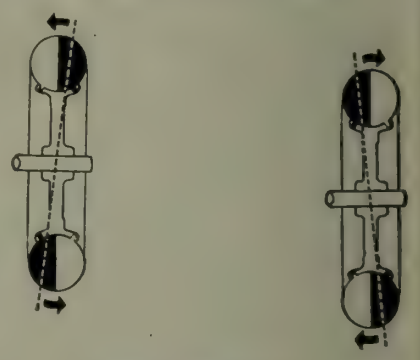
Perhaps best balancing methods balance the tire and wheel right on the car, so that the tire, wheel, brake drum, and hubcap are balanced as one. But any method that balances the wheel and tire together off the car is usually adequate. For best results, particularly if you have the wheels balanced on the car, you ought to have them rebalanced every time you switch wheels and tires around. Tire wear alone is enough to change wheel balance

Now to complicate things there are two kinds of balance: static and dynamic. Remember how you used to test the bearing adjustment in the front wheel of your bicycle—lift the wheel off the ground to see if the weight of the valve was enough to swing it to the bottom? That wheel was statically unbalanced: it had a heavy side; its weight was not distributed equally around the hub.

Now if the wheels and tires on your car have a heavy side like that, they are statically balanced. Even slight unbalance is enough to make them hop and pound up and down at high speed.

But even a wheel that is balanced statically may not run smoothly at high speed. To see why, suppose you tie a weight to a string and start swinging it around over your head. The faster you swing it the higher the weight rises, until it is swinging straight out at right angles to your arm. As the physics book would put it, any weight tries to swing at right angles to its axis of rotation. Now look at the diagram below. Suppose one side of your tire is heavy on the outside, the other side heavy on the inside, as indicated in the black areas in the diagram. The weight of the tire is balanced around the diagonal line through the heavy areas.

In dynamically unbalanced wheel, weight is not centered around axle. Dark areas below indicate the too-heavy areas



When wheel spins, heavy areas try to spin at right angles to axle, as line and arrows indicate. This starts your shimmy

Suppose now you start spinning this wheel. Like the weight on the string above your head, the heavy areas indicated in black will try to spin at right angles to the axle, as indicated in the diagram at the left. The top half will push to the left, the bottom to the right. But when the spinning wheel is half a turn farther around, as in the diagram at the right, the forces will try to wobble it the opposite way. When Grandpa watched Little Egypt wobble and shimmy at the Chicago World's Fair half a century ago, he didn't see anything like the high-speed shimmy twisting at your tire when it's unbalanced. The faster you drive the more violent the shimmy and distortion become, until finally the whole car is quivering with ecstasy

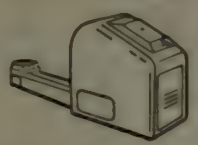


WISCONSIN WEATHER NO PROBLEM TO H. PISKEY—THANKS TO DELCO-HEAT

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You will find, as Mr. Piskey did, that General Motors has the "know-how" to build the best—and that your factory-trained Delco-Heat dealer has the "know-how" to install it right. Cook & Brown Lime Co., Oshkosh, Wisconsin, installed Mr. Piskey's stoker.

Delco-Heat Stokers—for automatic heat with coal—save fuel while supplying even, comfortable heat. Many exclusive features such as Rhino-hide lined hopper and Delco-Heat coordinated controls. For oil, gas or coal-fired automatic heat, see your nearest Delco-Heat dealer. Or write—



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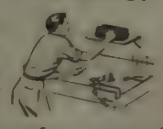
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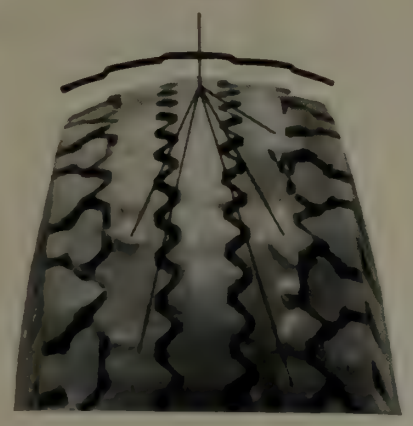
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as it contemplates one final self-destructive fling into the ditch.

But balance these tires, switch the cupped tires to the rear wheels, and once again your car hugs down to the road and runs straight and true at high speed. The trouble wasn't old age after all, just unbalance.

Cups



Now look at the photograph above. One cup in a tire may give birth to many cups, until they circle the tire. When you ignore the unbalance that caused the first cup, the hopping and shaking wear steering parts, and this looseness aggravates the cupping until it circles the tire. To check for worn bearings and bushings, jack up one front wheel. Take hold of the tire top and bottom and shove in and out. Everything tight? Now take hold of the front and rear of the tire and push and pull. Everything tight? Then jack up and check the other wheel too. There ought to be no looseness, no wobble or turning independent of the other wheel, even in the wheel bearings.

You'll find it an economy to have wheel alignment checked at least every 12 months; and especially after you've skidded into a curb or culvert or had some other such minor accident.

When you know the wheels are properly aligned, note the position of the steering-wheel spokes exactly when your car is running straight ahead. Then when your car is bumped or you hand it up on a stump and you find the spokes off their original position, you'll know something is bent somewhere and your tires are in for fast wear. Even a slight bend that may not show up on a casual check will change the spoke position of the wheel.

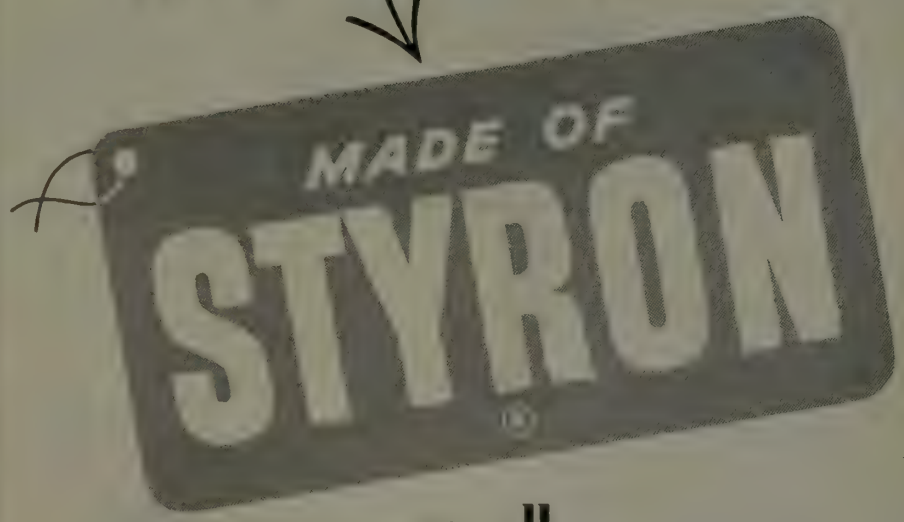
How to pull crisscross. Even if you keep all tires properly inflated and wheels aligned and everything tight, your tires will not wear evenly. Front tires wear slower because they aren't power driven, but they wear less evenly because the continuous steering and turning distorts them more. The percentages on the diagram on the next page indicate the relative rates of wear on the different wheels.

To equalize wear, to get maximum tire life, crisscross wheels and tires from one position to another every 4,000 miles, as in the sketch. There are other switching systems you can use, but the point in any case is that changing the tires to different positions will help keep your tires wearing evenly. If you



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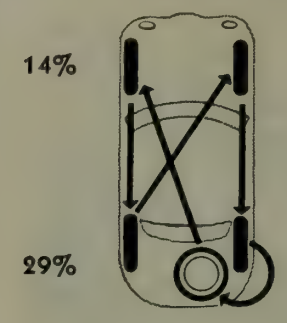
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Your tires

Continued from preceding page

wear your tires out evenly and buy five new ones at one time you can get a better price on the lot.



Never let a good spare remain idle. Tires need to be *massaged* or *exercised*, in order to stay alive.

How to keep from having flats. Flats on the road cut up good tires and tubes. The AAA makes almost a third of its service calls because of roadside flats. Changing flats is a dirty, exasperating job. But tests by fleet owners show you can avoid 9 out of 10 roadside flats by this simple system:

1. Check tire pressures once each week, when the tires are cool and before adding air.

2. Compare the pressures. If one of the tires is down more than two pounds below its running mates, that is a danger signal. Find and correct the cause of the excessive loss. Most punctured tires start as slow leakers, run a thousand to two thousand miles before they go suddenly flat. So by finding and correcting the slow leak you eliminate the sudden flat.

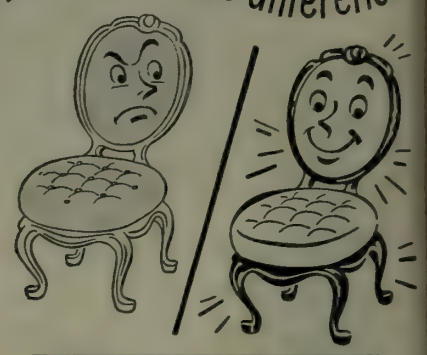
3. Each time your car is greased have the tires inspected, or do it yourself. See if any blisters or bruises have developed, look for nails or bits of glass or metal which have become embedded and are cutting through. A large percentage of punctures are caused by embedded objects that do not penetrate the inner tube until the tire travels thousands of miles. Pull or dig the objects out with pliers and screwdriver. If they have left sizable cuts, have them sealed, for minor cuts grow deeper; water and grit work into them and later destroy cords inside the tire.

This inspection takes only a couple of minutes. Your station man can run his jack under each end occasionally when you get gas. That's a lot easier than putting your own jack under while lying half in the ditch on a country road.

It will work. It has worked for fleet owners and it worked for the army advancing into Germany in '45. The supply trucks were rumbling bumper to bumper, through rubble and over blasted roads and over no roads at all. Tire casualties were so severe they threatened to slow the drive. An order went out. "Hells fire, probe that tire." At every stop drivers were out with pliers and screwdrivers, digging glass and metal out of the rubber. As a result tire casualties went down by more than half, and the army kept rolling.

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K.O. for allergy dust

Begins on page 31

ally considered to be allergenic. There is evidence that the dust that causes allergies comes from *within* the house, that it doesn't represent merely fine particles of the various fabrics in the furnishings but that, somehow, it is produced in those fabrics. Some authorities even think it may come from microscopic organisms.

Whatever its true nature and origin, house dust, according to one noted allergist, is the most important single air-borne cause of asthma and rhinitis, probably the greatest producer of respiratory allergy including bronchial asthma, and the cause of a fairly large proportion of eczema. According to one conservative estimate, five million persons in the United States are sensitive to house dust. Other guesses put the figure nearer to 15 million.

To combat this nuisance, allergists have prescribed allergen-proof beddings or encasings. But there remain the draperies, bedspreads, rugs, carpets, and upholstered furniture which may produce dust.

Often, because complete elimination of offending allergens has been difficult and even impossible, patients are desensitized. Starting with small doses and gradually increasing the quantity, dust is injected, usually at weekly intervals, in order to change the body-reaction of the patient so house dust no longer will bring on symptoms. Yet desensitization may be only partly successful as long as the patient is exposed to overdoses of house dust.

Doctor Coca himself was a serious victim. In him, house dust produced such symptoms as watery eyes, chest oppression, diarrhea. He had put dustproof covers on all of his bedding and most of the upholstered furniture in his home. He had even installed a filter to remove dust from other sources. These measures had helped. Yet, whenever he was in the house during vacuuming or within a few hours afterward, he would suffer immediate chest discomfort and, by next morning, would be a victim of diarrhea.

Then, in November 1947, Coca had an idea. He knew of a company which made an oil for catching bacteria in the air as a means of cutting down infection in such public places as banks, restaurants, stores, and hospitals. At Coca's suggestion, the company began experiments to devise an oil that might be practical for use in sealing dust.

Doctor Coca tried the first sample himself, thoroughly soaking all his rugs with it. It worked so well that thereafter he could stay in the house even in the midst of the vacuuming. It kept working too when he discontinued use of the air filter.

Coca then began trying it on various patients allergic to dust—those with asthma, chronic rhinitis, canker sores, headaches, nervousness, abnormal tiredness, indigestion. Results were excellent and, as soon as Doctor Coca announced his findings in a medical journal, other doctors began to try out the new method.

The new product, called Dust-Seal is not a cure-all. Certainly, it's no substitute for medication where the allergy problem is a multiple one—caused by more than one agent. Yet, even in such cases, elimination of the dust factor may help to some extent and may simplify the doctor's search for the other irritants.

A white oil compound prepared so it mixes easily with water, Dust-Seal has no odor, creates no fire hazards, and is said to be nonirritating, nonsensitizing, and nontoxic in the concentrations employed. It harms no colored fabrics to which water can be safely applied. In fabrics which can be cleaned, such as carpets or upholstery, there is no change in color, texture, or appearance after treatment.

Not only simple to apply (by sprinkling rugs, carpets, and upholstery fabrics and by immersing launderable items such as blankets, pillows, slipcovers in a wash), it is also relatively inexpensive. Cost of a pound is $4.25. Generally, one pound more than the number of rooms (seven pounds for a six-room house, for example) will be sufficient to treat every possible source of house dust.

One treatment will last a year and probably until the item is laundered or dry-cleaned. Moreover, because much of the compound remains even in washed fabrics, the amount needed thereafter will be less. A carpet, for example, that takes $3 worth of the compound the first time takes 30 cents worth each year thereafter.

Most effective procedure is to consult your physician first. Make certain that yours is a case in which house dust is a factor and a case which might be benefited by its elimination.

Consult your doctor, too, to determine which fabrics ought to be treated. Some patients may benefit from application to floor coverings and bedding alone. These seem to be the most important sources of allergenic dust. However, it may be necessary to apply the compound to upholstered furniture, quilted bed pads, draperies, bedspreads, slipcovers, and even cloth upholstery in the automobile. In the beginning or later, your doctor may decide that fabrics previously removed from the bedroom or house on his advice can be safely returned if treated with the compound.

Doctors are cautious about new developments. They want reports based on thousands, not just dozens, of cases. That, of course, takes time. Dust-Seal has not been tried long enough for all of them to know whether or not it will end the menace of allergenic dust in your home. But leading allergists agree that Doctor Coca's idea is sound and that any effort to make household dust stay put is a definite step in the right direction.



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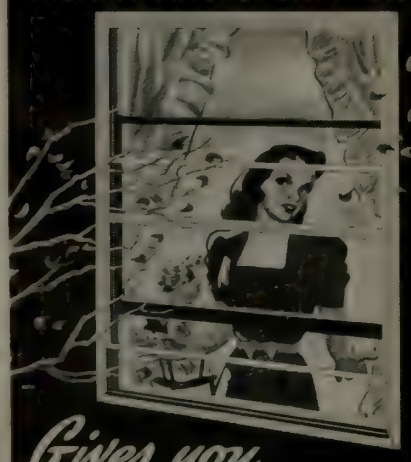
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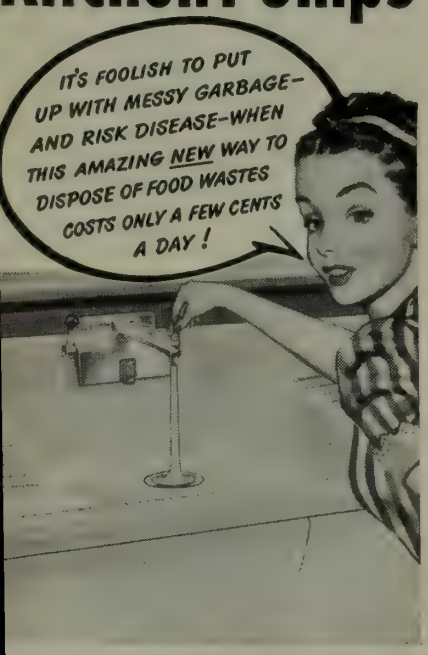
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Place your dining table in front of the window



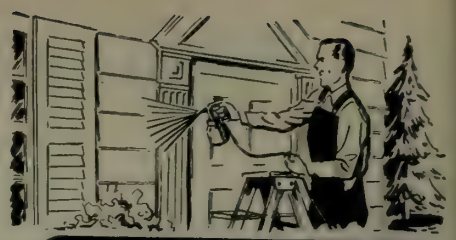
Make the most of a dining-room view by placing your drop-leaf table in front of the dining-room windows. One leaf up, the table seats three. With both leaves up, you can set places for five—and still keep the table at the window. Chairs are covered with stainproof plastic material

Photographs: Grand Rapids Furniture News Bureau



Make the most of dining-room space by setting your drop-leaf extension table between a pair of windows. Two mounted masks between the windows, and above the table, tie the window-table grouping together. (You could use pictures or plants instead.) Comfortable host chairs make your table before the windows right for reading, studying, or games

Where to get it, page 214



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Rex Wheat Germ Oil



Are you puzzled about color? Get help with your individual problems in the Home Planning Center of one of the stores listed on page 156.

Your dog and mine

Photograph: George Fletcher



You want your dog to learn to "fetch"—but not the neighbors' chickens!

By Russell K. Lowry

My dog has a habit of killing chickens, my own and the neighbors'. How can I stop him?—A. E. A., Indiana.

Cure is difficult and requires much vigilance, because all misdeeds must be corrected when they happen. Best results have been obtained by tying up the dog in the chicken house for a week to 10 days, feeding him scant rations (to make his confinement as unhappy as possible.) Theory is the criminal will get so fed up with the society of chickens he will never want to look at one again.

Last summer our dogs suffered from the heat, had skin rashes, and were plagued with swarms of flies. What can I do to make my dogs more comfortable?—Miss G. M. O., Tennessee.

First, provide plenty of daytime shade and breezy-cool sleeping quarters, with ample amounts of fresh, clean drinking water available at all times. Dogs exercise less in the heat and food can be cut down a bit. Step up proteins (meat) somewhat, but lessen amounts of carbohydrates (starch and sugar). Get the DDT gun working on the flies, but use a water-base (wettable) solution in proximity to the dogs. Remove droppings promptly, as these are gathering places and hatching headquarters for all types of insects which plague dogs. Brush and comb your dogs daily, to increase their comfort and well-being.

Three months ago I got a 1½-year-old female Chow for protection. But she's very friendly and lets everyone come into the house. Can I train her to be a watchdog?—Mrs. B. A., Pennsylvania.

Three months is a short time, measured in dog-ownership and association. Your pet has not yet had time to develop strong ties and deep loyalty. She hardly knows her new home. More and more she will develop the required sense of watchdogging, as her fondness for you grows. Give the dog a chance.

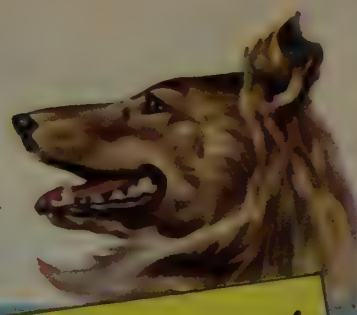
I want to train my Cocker Spaniel in the same way the army trained dogs for the K-9 Corps. Where can I get a book of instructions?—H. L. K., Florida.

War dog training is not for a Cocker! The only breeds which seemed to have the required temperament for this kind of work were the Doberman Pinschers, German

---

▶ Have you a problem in dog feeding, care, training, disease prevention? Address your questions to Russell K. Lowry, "Your Dog and Mine" Editor, *Better Homes & Gardens*, Des Moines 3, Iowa. Enclose a stamped, addressed envelope.

LUCKY DOG!



...gets as much nourishment in PARD...as you get in a dinner* costing $1.00 or more!



Look how these dinners compare!

		CLUB STEAK DINNER	PARD (1 CAN)
Protein	(gms.)	35.7	52.8
Carbohydrates	(gms.)	45.9	45.7
Fat	(gms.)	26.4	14.7
Iron	(mgs.)	5.6	22.7
Calcium	(gms.)	0.05	2.0
Phosphorus	(gms.)	0.41	1.59
Vitamin A	(units)	499.0	550.0
Vitamin B Thiamine	(mgs.)	0.50	1.41
Vitamin B Riboflavin	(mgs.)	0.33	1.86
Vitamin B Niacin	(mgs.)	8.35	18.2
Energy			

Steak dinner 18.7% daily caloric needs for average man
PARD (1 can): 100% daily caloric needs for 20 lb. dog

No additional meat—nothing more—is ever needed! Surprising, isn't it, how PARD provides even *more* nourishment, and is better balanced, than that tasty steak dinner?

It's true. PARD, the one-dish-dinner is completely nourishing—and made from ingredients as pure and wholesome as those you serve your family. When you feed PARD no additional meat is ever needed. Your dog requires nothing more . . . he can get nothing better.

Pard is made by Swift & Company



"Hope, Hope, Hope it's GRO-PUP"

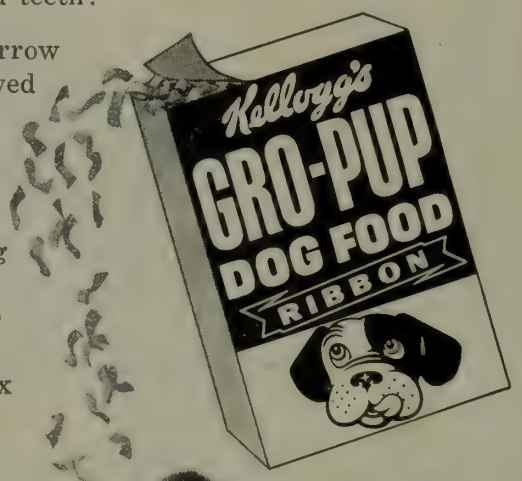


They can't help yearning for Gro-Pup Ribbon . . . can't help wanting a heaping dish of this "smackin' good" food!

Dogs love its crisp, toasted texture, thrive on its high-quality proteins. For Gro-Pup Ribbon is made from skim milk, homogenized fish, meat meal—23 nourishing ingredients. Every vitamin and mineral dogs are known to need are in the formula. No wonder Gro-Pup is good for strong muscles, sleek coat, sound bones and teeth!

Make your dog happy tomorrow with this veterinary-approved food. It's the *only* Ribbon-type dog food available!

THRIFTY, TOO! Not 70% water like most canned dog foods. With a dog like the Setter you save up to $1.00 a week! Buy Gro-Pup Ribbon—it's the biggest box on the shelf!





It's Smackin' Good...it's Kellogg's

Your dog and mine

Begins on preceding page

Shepherds, and Boxers. Use a regular obedience training manual.

Which breed lives the longest?—W. E. M., Ohio.

We've heard a lot of arguments on this question, but as far as we know, no one breed can claim greatest longevity.

When the children play with our dog, they get their faces close to him and even put their hands in his mouth. Is there any danger of infection?—Mrs. L. P., Maine.

Danger of infection from dog to child is practically nil. Only two things are communicable to humans, as far as dogs are concerned—rabies and ringworm. Happily, these are exceedingly rare ailments. But danger of infection from humans to dogs is another story. Practically all pulmonary ailments, such as colds, flu, and pneumonia are communicable from humans to dogs. If you or your children have a bad cold, it's best to keep away from the dog.

My dog bites at her posterior and drags it across the floor. Does this mean worms? I've been told that making a dog swallow a copper penny eliminates worms, because the penny is dissolved by stomach acids and the copper kills the worms. Would this be harmful?—F. L. V., Maryland.

If you want a live dog, don't, for goodness sake, give credence to the copper penny yarn. This is no doubt one of those quaint superstitions our great, great, great granddads cooked up. Biting and dragging the rear across your floors could mean (1) tapeworm, or (2) anal gland infection. In either case, get a veterinarian to look into the situation. Save your pennies.

My highly bred Cocker Spaniel female broke away and mated with a mongrel. Will this accident ruin her for future breeding to a fine, selected sire? Does it take a certain amount of future litters to clean her out so there won't be any remaining strain of the mongrel in her puppies?—Miss R. B. G., Minnesota.

The fact that your female was mated to a mongrel will have no effect on future litters. Once she has her coming litter, that's the end of the contamination.

BETTER HOMES & GARDENS



APEX
Always Kills Moths



APEX MOTH CRYSTALS AND NUGGETS 69c—$1.33

APEX MOTH CAKES Two Sizes 23c 33c

APEX MOTH VAPORIZER for large closets 75c Refills—63c

APEX in its convenient forms, not only *kills* the adult moth but also *kills* larvae . . . *prevents* eggs from hatching . . . therefore it eliminates *all* possibility of moth damage when used as directed. *100% Paradichlorbenzene.*

A CLEAN HOME PRODUCT

Guaranteed by Good Housekeeping

CLEAN HOME PRODUCTS, INC. CHICAGO, ILL.

Replace Your Unsightly, Unsanitary Garbage Can with a Majestic UNDERGROUND GARBAGE RECEIVER



Banish troublesome garbage cans. Store garbage BELOW GROUND this safe, neat economical way! Unit outlasts exposed can 3 to 4 times. Keeps odors *in*; pets and insects *out*. User-endorsed for 35 years. Easy to empty! 10-year guarantee. See dealer, or write.

ONLY THE NEAT LID SHOWS

The Majestic Co., 124 Erie St., Huntington, Ind.

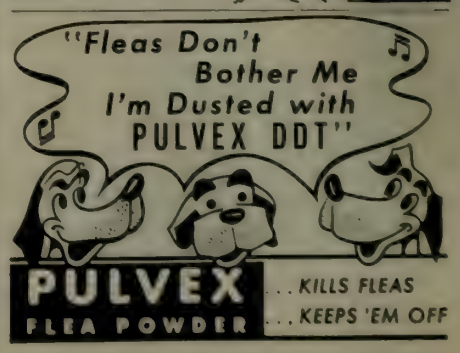
Keep Free of ROACHES

WATERBUGS • SILVERFISH • CRICKETS

Always keep Gator Roach Hives around and you'll be free of these insects—for good! They love bait in sanitary tube, eat it—and die! Clean, easy to use. 26 years of satisfied users. At most stores. If yours has none, send name of store and $1 for 9 hives. De Soto Chemical Co., 6 Bond St., Arcadia, Florida.

GATOR ROACH HIVES





Removable canvas roof

keeps porch cool and dry

By Virginia Wallace

Want a screened-in porch for summer living? We did, too. For years we planned a front porch where we could enjoy outdoor living and dining by day or night. We couldn't have a regular porch with shingle roof, though, because a permanent roof would darken our living room in winter.

Most practical and least expensive solution was this awning-like canvas roof that can be put on in spring, taken off in fall. The roof is tight-fitting and rainproof when it's up. Plastic porch screens can stand the year round. Dark green coloring was mixed right into the concrete for the floor, so the floor color won't fade, chip, or peel off even after seasons of wear and weather.

Here's how the canvas roof works out in actual use.



Before we built the screened porch, our only outdoor living space was a back-yard terrace —where we were fair targets for every insect in the country



Photographs: Stanley

After the porch went up, we added sheltered outdoor living to our list of summer fun. The canvas roof gives us shade on the hottest days. Screens keep out evening insects. New shrubs and flowers outside make the terrace more pleasant than ever



Our new porch has plenty of room for a drop-leaf dining table as well as chairs and wicker couch. Kitchen door at back is close, so it's no trouble to serve summer meals on the porch. A door at right leads into the living room—linking indoor and outdoor living areas

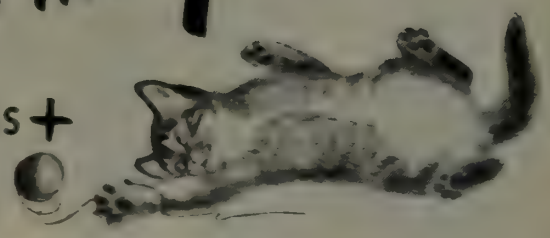


KEENNESS +

BEAUTY +

Puss'n Boots adds the PLUS!

LIVELINESS +



You notice in many ways the benefits of complete nutrition

A cat generally keeps well and on the go. But the difference between a cat merely well and one abounding in health is seen when a nutritionally complete diet is fed.

Cat owners tell us they notice improvement in their pets when they feed Puss 'n Boots. That's because each ingredient is carefully selected to contribute its own special benefit.

Together they provide an all-round food that adds many plusses to your cat's health—improvements you readily see.

GET THE PUSS 'N BOOTS BOOK

Send three Puss 'n Boots labels and 10¢ in coin for 24 pages of colorful animal pictures by Rojankovsky. Coast Fishing Company, Dept. H, Wilmington, California.

Puss 'n Boots is made of 85% fresh-caught whole fish		
FISH	for	strong tissues, maintenance, growth
Bone	"	strong bones and teeth
Liver oils	"	healthy skin, glossy fur, energy
Mineral salts	"	good blood, nerves, tissue growth
To which are added other carefully selected elements		
Rice Polish	for	good disposition, energy, growth
Corn gluten and ground barley	"	energy
Alfalfa greens	"	healthy skin, regularity
Peanut and linseed meals	"	good eyes, appetite digestion, steady nerves
Thoroughly cooked in the can - vacuum-packed - safe		



© 1949 Coast Fishing Company

Guaranteed by Good Housekeeping

WANT A NEW KITCHEN *Quick?*



...BUILD IT WITH CURTIS CABINET UNITS!



You'll be amazed . . .

at the ease and speed with which Curtis wood cabinet units fit together to create a miracle of modern beauty and convenience in your home! No matter what the size or shape of your kitchen space, Curtis wall and floor cabinets *will fit.* Think of the joy of having a place for everything—big, roomy units with such modern refinements as pan and tray files—mixer and vegetable storage units—and a snack bar as pictured above! Decide *now* to have a truly modern Curtis kitchen!



Here's a Curtis unit that every kitchen needs—a marvel of efficient storage space. Note the compartment for the mixer and ventilated vegetable drawer below.



Here's just the thing for snacks and quick lunches! The table top folds and slides into unit. It is ideal for the small kitchen —or any kitchen. Shown on the right of the table is a Curtis broom closet.

1866 CURTIS WOODWORK

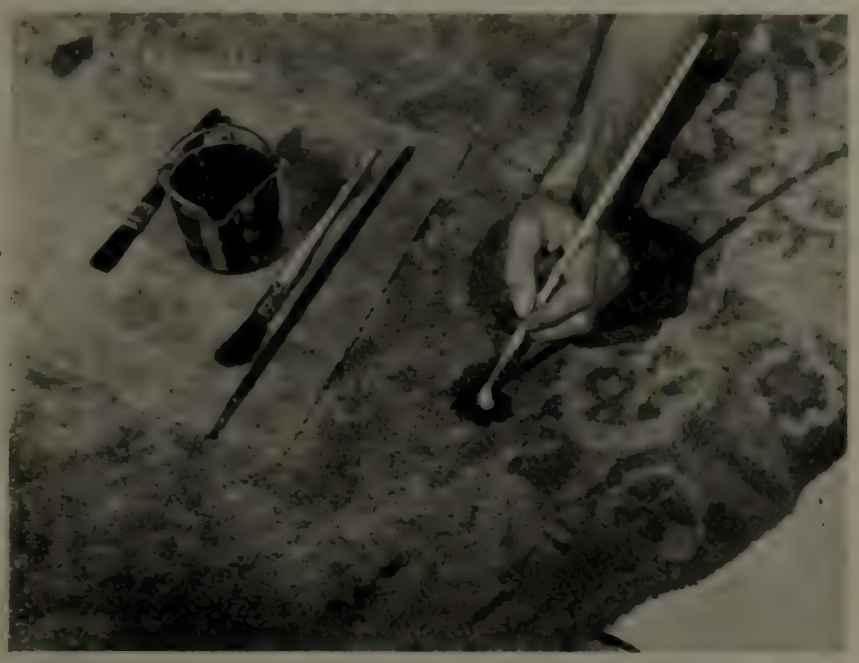
See your Curtis Woodwork dealer— or mail coupon for Curtis kitchen idea book!

- - - -

rug with dye



Mix dye in concentrated form, one packet to 16 ounces of boiling water. Mix thoroughly, simmer for three minutes, strain through cheesecloth to remove sediment. Then test color; to get a lighter tone, double the amount of water. Dye will set best if applied hot; let dye pot simmer



Apply dye with brush of the right size—two-inch width for large color areas, small and large watercolor brushes for small pattern areas. Protect floor with newspapers. Dye background first if pattern is worn; that brings up design. On patterns, apply light tones first, then dark hues



Solid-color rugs can be redyed rapidly. Place rug on lawn or concrete driveway. Apply dye with clean broom, brushing solution well into rug. Dissolve two to four packages of dye in two gallons of boiling water, depending on color you want, and put the entire solution on the rug

You've never seen such a wonderful screen!



DURALL*

ALUMINUM TENSION SCREEN

Dad says installation's a "snap"!

Unique patented catches top and bottom make Durall installation literally a "snap". And from inside the house! No more ladder climbing, no cutting or fitting. Tension design keeps screens taut and trim, always.

Mother likes the ease of handling!

Flexible and aluminum light—that's Durall. There are no side frames. You can wash windows without removing screens, toss screens in a tub for cleaning, and actually *roll 'em up* if you store them.

Johnny says they can take it!

Tough, all metal Durall will take years of hard wear, won't sag, rust through, stain your house, or need painting, *ever. See this wonderful new kind of window screen at your dealer's, or write us, Dept. BH-6, for illustrated folders.*

*Only $4.35 for 28" x 54" size

NEW YORK WIRE CLOTH COMPANY
445 Park Avenue New York 22, N. Y.

Easier on your eyes

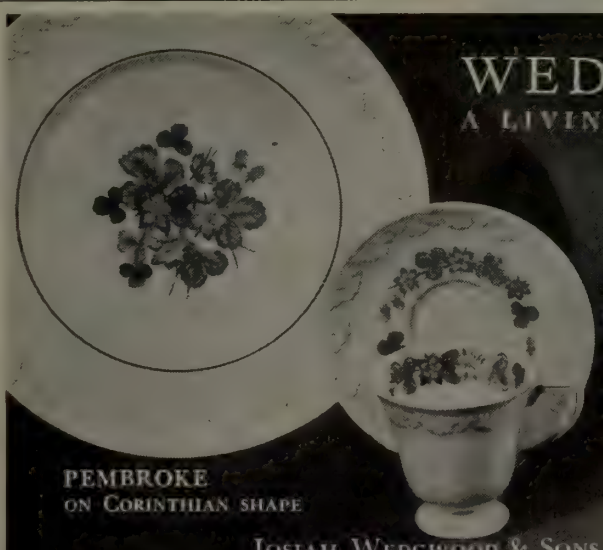
GE DAYLIGHT TELEVISION



At least 80% brighter than ordinary television under the same conditions. View it in a normally lighted room, *as eye specialists recommend.*

Model 821, 12½" tube.

GENERAL ELECTRIC



WEDGWOOD
A LIVING TRADITION

A maroon line accenting fresh strawberry leaves with yellow, pink and blue blossoms is high fashion in dinnerware. Available in open stock. Write for names of stores.

Five piece place setting $10.50

PEMBROKE
ON CORINTHIAN SHAPE

JOSIAH WEDGWOOD & SONS, INC.
24 East 54 St., New York Etruria & Barlaston, England

We bought Swan Garden Hose because
's guaranteed in writing
o to 15 years!"



wan "time guaranteed" Garden Hose gives you genuine
uPont "Cordura" rayon cords for greater strength—color-
st Neoprene covers for longer wear—Swan MAXIVOLUME
oupling for 50% faster flow . . . at NO EXTRA COST!

DIFFERENT TYPES TO CHOOSE FROM!



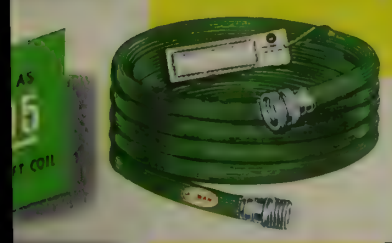
Swan
DOUBLE BRAID GREEN
Guaranteed in writing
FOR 15 YEARS!



Swan
SINGLE BRAID RED
Guaranteed in writing
FOR 10 YEARS!



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SINGLE BRAID BLACK
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FOR 5 YEARS!



Swan
RITE-WATE GREEN
Guaranteed in writing
FOR 10 YEARS!

Very light and easy to handle
25-foot coil weighs only 4½ lbs.!

Your hardware merchant has the right color and type Swan hose to exactly fit your needs! Get your Swan hose from him today!

WAN RUBBER COMPANY • BUCYRUS, OHIO
World's Largest Manufacturer Of Garden Hose

Ants on peony buds

Do ants on your peony buds worry you? Relax. The ants do not feed on the buds. They do carry aphids or plant lice to the buds and these often puncture and suck on the outer peony petals causing minute blemishes which bother the sturdy peony plants not at all. If you think ants are a nuisance later, this is your first chance to kill them, thus preventing the build-up of more powerful colonies. Expose special ant poisons in bottles only ants can enter.

Spray for early tomatoes

Seedless tomatoes have been much talked about, but Dr. S. H. Wittwer at Michigan State College thinks it's really early tomatoes we wanted all the time. Left to themselves, tomatoes do not set fruit until the temperatures rise above 59 degrees. By spraying the first flowers with parachlorophenoxyacetic acid, Doctor Wittwer found he could get fruit to set at this temperature. This results in early crops when tomatoes are most welcome, before local crops of tomatoes from naturally pollinated flowers are ready, and while prices are still high.

Radioactive fertilizers?

Before you dash out to buy the giant economy-size bag of super-irradiated plant food, read a little further. Despite claims, to date no scientist worthy of the name has been willing to say that there has been any increase in production due solely to the use of radioactive fertilizer or that such a fertilizer will be forthcoming at some date in the near future.

Miraculous results in your garden from using such a fertilizer are years away, if they ever come. So for the present, save your money until first-flight scientists give you the signal to go ahead!

Success with redbud

Have you had trouble growing the lovely redbud tree? Your trouble may be due to lack of the necessary bacteria in the soil. Redbuds are legumes—like beans, peas, and the clovers. Try a heavy feeding of nitrogen in the spring, when the buds show color and again in August. A tree food rated as 10-8-6 is just right. Test your soil. About neutral, a reading of 6.0 to 6.9 on a soil tester, is best soil. Give your trees good drainage, a loose open soil, and plenty of water—but no wet feet.

Invasion helped chrysanthemum growers

The Japanese invasion of the Philippines resulted in a better way to grow and ship chrysanthemums! Dr. Vernon T. Stoutmeyer of the United States Department of Agriculture and in charge of the valuable quinine-producing seedlings that got out ahead of the Jap invasion, tried shipping them in sphagnum moss instead of soil. The plants arrived in perfect condition.

Commercial growers were quick to make use of the discovery. Today, one big seed firm grows all its hardy chrysanthemums in plant bands filled with sphagnum moss and cuts shipping costs to a fraction of what they were when soil was used. Packages containing rooted cuttings have been sent from coast to coast and back to arrive in perfect planting condition. One lot I saw had been deliberately set on a warm radiator overnight, yet revived with only a little water.

JUNE GARDEN GUIDE



In all sections:

- Prune spring-flowering shrubs as soon as they are done blooming
- Plant seeds of hot-weather annuals like zinnias, marigolds, and cosmos
- Finish planting dahlias by June 15
- Soak, not sprinkle, garden in dry weather. Water should go down at least 6 inches
- Keep insects and disease under control
- Mulch wherever possible to save work with hose and hoe during hot weather

SOUTH

Keep rose blossoms cut; cultivate after each shower or use ample mulch to conserve moisture. Spray or dust weekly, and, in Middle and Upper South, give a light feeding (2 pounds to 100 square feet of bed).

Feed, seed, and mow lawns. Feed centipede grass sparingly. Plant hulled Bermuda grass seed and stolons of *Zoysia matrella*, centipede, and St. Augustine grass. Try iron sulfate—one pound to 1,000 square feet—on yellowed St. Augustine and centipede grass, and soak thoroughly.

Make softwood cuttings of azaleas, rhododendrons, roses, and deciduous shrubs. Cut cleanly, treat with a rooting chemical, put ends in sand, cover with glass, and keep moist. Transplant when roots have formed.

Plant German iris in Middle and Upper South; plant gladiolus bulbs at two-week intervals. Dig spring bulbs if you wish, but wait until tops are dead; place in a cool, airy spot to let them dry off.

—W. Elbridge Freeborn

TEXAS-SOUTHWEST

Set out fall-blooming crocus as soon as you can buy the bulbs. Transplant azaleamums started in flats and give them a good feeding. Make cuttings of gardenias, oleanders, hydrangeas, and Grand Duke jasmines.

Prune both vine and tree forms of wisteria to keep them within bounds. Remove old bloom stalks from gladioli.

Give Bermuda grass lawns a good feeding, especially if rye is being sown with it for winter green.

Watch for red spider, especially on violets, and control by removing foliage, dusting with sulfur, or low-pressure spray from garden hose. Spray crape myrtles for aphids, and water them well unless season has been wet.

Spray vegetable garden for insects and disease. Plant pumpkins, sweet potatoes, and late cabbage. Thin cantaloupes to two vines to a hill, and feed liberally.

—Marian Price Scruggs

CENTRAL-EAST

Plant out geraniums now that frost danger is past. Transplant young perennials to the flower bed. Make light applications of plant food along rows of annuals, perennials, and vegetables twice a month and cultivate in—frequent light feeding is better than one heavy one.

Repair your lawn if you've neglected it, although it's late for general reseeding. Feed when lawn is dry and water plant food in at once. Cover reseeded spots with peatmoss to hold moisture; use seed mixture with about 10 percent annual grass to protect young lawn grasses.

Pull weeds as they appear, especially crabgrass. Use 2,4-D for heavy weed infestations, but only on lawns three months old or more. Watch lawns closely for brown patch in rainy weather; spray at once with a copper compound.

Spray glads every 10 days with DDT to control thrip. Use sulfur-DDT combination on dahlias to kill both leaf hoppers and red spider. Use a combination of DDT and lead arsenate for cankerworms and other chewing insects on trees.

—Harvey Bicknell

PACIFIC NORTHWEST

Divide primroses and plant in semi-shade. Remove dead flowers from camellias, azaleas, and rhododendrons and feed plants with an acid-soil plant food.

Spray roses with double-purpose spray to kill insects and control black spot, mildew, and rust. Spray broad-leaved evergreens with lead arsenate to control strawberry weevil. Use poison bait to kill the same pest around primulas.

Sow string beans, corn, and Lima beans for late use, also carrots and beets. Plant late-bearing tomatoes for fruit until frost. Give strawberries and raspberries plenty of water and liquid plant food to insure a heavy crop.

Give lawns a second application of high-nitrogen plant food. Water plant food in at once, and repeat watering two or three days if weather is sunny to prevent burning.

—Ada V. Turner

CALIFORNIA

Remove some of oldest shoots on climbing roses to encourage growth of new, flowering wood. Cut back longest shoots on wisterias to help check growth.

Dig up yellowing clumps of ranunculus and anemones; dry roots in shallow boxes, then dust with sulfur and store. Divide bearded iris, discarding portions affected by borer or rot. Pinch back chrysanthemums to keep them compact.

Dust roses every 10 days to prevent black spot. Spray shrubs for scale insects which are active now. Use poison bait and DDT for ants which carry scale to orange trees.

—Alfred C. Hottes

Your neighborhood dealer has these famous house and garden products

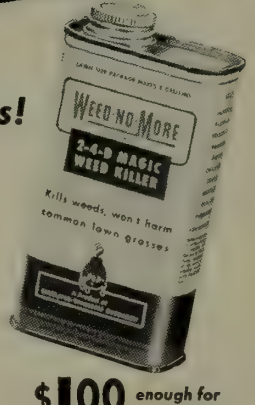


❶ IT'S TIME FOR

WEED·NO·MORE

SPRAY away ugly lawn weeds!

Yes, it's time to make sure you have a beautiful, weed-free lawn *this* year! Just spray on Weed-No-More . . . dandelions, plantains, and other ugly weeds soon die, roots and all. For a lawn you can be proud of, get rid of weeds this easy, *proven* way!



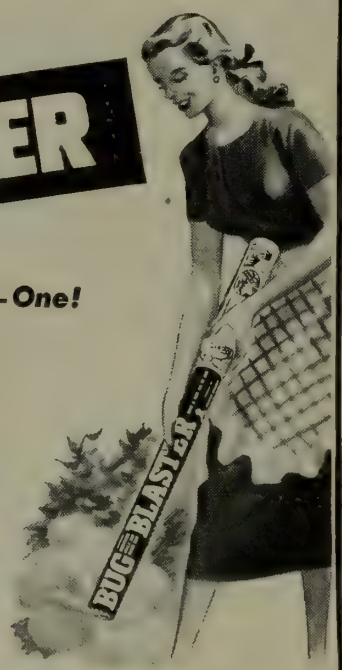
THE NEW HANDY SPRAYER

Fits gal. or ½-gal. screw-top jug. Cap measures ½ ounce of Weed-No-More!... 39c

$1.00 8 oz. enough for average lawn

❷ CONTROL GARDEN PESTS with the

BUG BLASTER



DUST AND GUN All-in-One!

Protects flowers and vegetables from most destructive insects and diseases! Scientific mixture contains DDT, rotenone, sulfur, copper, and other plant-protecting ingredients. No mixing, no mess! For beautiful flowers and healthy vegetables, use BUG BLASTER regularly. No other sprays or dusts necessary! Get it today.

Big 36" size for all garden purposes . . . holds 2 lbs. of dust..... $1.98

Junior size for window boxes and small garden beds..... 69c

❸ DESTROY HOUSEHOLD PESTS WITH

PESTROY 10% DDT....39c

Roaches, silverfish, ants, etc. In the handy Press-Cap Applicator!





PESTROY 6% DDT LIQUID COATING

Brush it on garbage cans, door sills, drains, etc. 69c

Products of SHERWIN-WILLIAMS Research

Acme White Lead & Color Works, Detroit • W. W. Lawrence & Co., Pittsburgh
The Lowe Brothers Co., Dayton • John Lucas & Co., Inc., Philadelphia • The Martin-Senour Co., Chicago
Rogers Paint Products, Inc., Detroit • The Sherwin-Williams Co., Cleveland

Potted plants



House plants are usually better off if they can spend the summer outdoors. To arrange them like this is to turn a problem into an asset. Note no balance is attempted, but the tall trained ivy and taller rubber tree are kept out of the wind



Shelves produce a banked effect such as florists use. This accommodates many more small pots, and low plants in front hide leggier ones. Roof and house wall cut force of wind. Stakes keep tall plants from tipping. Pretty and practical



How to keep something bright growing all summer in a shady space right outside a large window is beautifully solved here. Wide pots of tuberous begonias are set down where tulips grew earlier. Begonias were already started, need only a daily spraying to stay in good health

egins on page 52

Maynard Parker



Potted plants can even take the place of shrubs. Here bright tubbed azaleas, and sweet olives dress up a small paved front yard. Sun them for a few hours each week, if you want to keep potted flowers other than tuberous begonias in shady places. Be sure they get plenty of water

Stanley



Pots of red geraniums say welcome in a universal language when dropped into rings attached to a terrace railing like this. Glazed pots are better than porous clay pots in such exposed positions. The soil they contain dries out much less quickly



This ad for men only

MEN should buy the garden hose—but keeping the women very much in mind. If you do it right you can sell them the idea of doing more outdoor work *and liking it.*

If your wife will *never* use the hose maybe you don't need Koroseal. It costs a little more (but only $9.85 for 50 feet and makes up for it by lasting longer). If you don't buy Koroseal it will pay you to remember the name *Garden Club*, a rubber hose made by B. F. Goodrich, sold in the same stores. It's lighter than most, strong, long-lasting, a wonderful value.

But Koroseal's a third lighter still (weighs only half as much as some hose) is so easy to carry around—just pick it up like a light bundle, drag it or toss it around like a piece of rope. And it's clean to handle—its polished surface doesn't pick up dirt. It will last for years because it never checks nor cracks from exposure to sun and air. You never need to drain it—just don't leave it (or any hose) shut off at the nozzle. You can leave it outdoors all year round if you want to.

Look for label. Every length of Koroseal hose is plainly labeled *Koroseal.* Be sure you see the name to be sure you're getting the real thing. *The B. F. Goodrich Company, Industrial and General Products Division, Akron, Ohio.*

Koroseal—Trade Mark Reg. U. S. Pat. Off.

Koroseal
GARDEN HOSE
BY
B.F.Goodrich



I been sharpening lawn mowers thirty odd years now. So I guess I know a good mower.

Course you *want* a good one. No sense having to buy another four, five years from now.

First place, remember that what you want a lawn mower for is to *cut grass*. Just that.

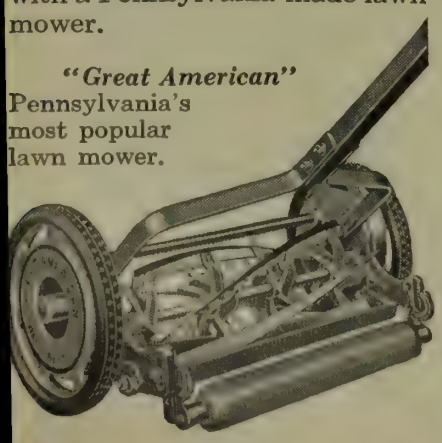
There's a lot of important things about a lawn mower you can't see. Like the kind of steel in the blades—whether it has good ball bearings and cut gears on both sides—whether you can true it up and be sure it'll *stay* trued up. Average man has to take things like that pretty much on faith.

Tell you what you do:

Find out where they sell Pennsylvania mowers. There's five of them—Great American, Meteor, Pennsylvania Jr., Penna-Lawn and a power mower—for different kinds of lawns, different kinds of grass and different size pocketbooks. Those Pennsylvania people been making fine lawn mowers for more than 70 years. Some of their mowers been cutting grass for ten, twenty, forty years.

You'll be mighty pleased with a Pennsylvania-made lawn mower.

"Great American"
Pennsylvania's
most popular
lawn mower.



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The diary of a plain dirt gardener

By Harry R. O'Brien



Maggie was hanging up the wash—in work clothes, tired, hair every which way. Then strange autos stopped in our drive, an uninvited garden club, which flustered her no end

June 1 Business matters will require me to do a good bit of traveling by spells this summer and a long trip is just ahead. So the next few days are to be devoted to catching up on all work that must be done and to getting the place in such shape that only maintenance chores will be necessary while I'm gone.

Roses, now beginning to bloom, are already in good shape. They have been cultivated, hoed over again, weeds raked up and hauled off to the compost pile. All have been given a good square meal of plant food—a good practice ahead of blooming.

They have been dusted, too, with a good general-purpose dust to protect against diseases and insects. So here, with more dusting as needed, with maybe a cultivation or two, is all they will need until July. Mrs. Maggie, of course, will have to keep faded blooms clipped off—one garden chore she really seems to enjoy doing.

A good bit of the iris needs to be dug, divided, and reset elsewhere. The correct time to do this is, as I view it, any time after they are through blooming until along in August and I hope to get it done in this period, by installments. To get the jump on it, I began this afternoon to dig the varieties of table iris I have. Donald already has some spaces worked up and ready for iris.

Table iris, in case you haven't heard, is a kind of tall bearded iris, except that it isn't tall and the blooms are small sized. They are simply little jewel editions of the large-flowered sorts. Stems are slender and graceful. Height varies from 12-24 inches. They bloom at the same time as the tall bearded.

These table-iris varieties have been developed especially for cutting and indoor arrangement. Miss Mary Williamson of Bluffton, Indiana, has done more than anybody else to develop these varieties, and I believe she gave them the name. Some of the real old varieties, too, such as Tom Tit and Sherwin Wright, can be classed here.

I dug all we had on the place, divided them, and reset them to make a new bed by themselves.



I got up to make a garden-club speech —and then discovered I still had garden dirt under all of my fingernails

This bed is behind some dwarf evergreens, so hidden that I hope Maggie doesn't find them as cutting material until year after next.

June 2 Set out cauliflower plants in a great hurry, for I had to rush off to a garden-club meeting tonight at a distance, where I had been invited to be on the program. As I was there and ready to speak, I discovered that there was dirt under all of my fingernails. Oh well, it was honest dirt—and that cauliflower will taste downright good, come late summer and fall.

June 3 Hot weather has brought sweet corn, beans, and glads popping up and growing. Between rows, weeds are getting started too. So got out the jolly little garden tractor this evening and gave everything a good cultivating in the back garden. Also went over ground not yet planted. The best time to kill weeds here is before the ground is planted.

With hot, dry weather, the asparagus has begun to play out and it is time to stop cutting. By now, Maggie has a lot put away in our basement zero box, frozen, for use next winter. So Donald went over the bed with the tractor, to give it a light cultivation. Then I scattered an application of 4-12-4 plant food.

While I was using the tractor, though, and just when I was at the bottom of the vegetable garden, the critter stopped dead. Out of gas. I looked in the can where we keep gas. Empty. I asked Donald to go to town for more. He mumbled that David should do it. David growled and said it was Donald's job.

Well, at that moment I had on an old torn shirt, which made me look like a hobo on a picnic. I just stopped arguing with the boys, jumped in the car and went after that gas. And thereby suffered great loss of local social standing, as divers important citizenry recognized me and saw that shirt.

June 4 By now, roses are opening up all over the beds. I took time out this morning to check up on newer varieties. One of special note is the dark-red Nocturne. My opinion is that here is a rose of real merit, both as to quality and amount of bloom and vigor of foliage and bush. This holds true, too, of Diamond Jubilee, a large-flowered buff-orange. Both were 1948 introductions.

I have another outstanding new one too, which the originator, a good friend, sent me under number to try out for him. I now know that it has been named Fashion. This is a floribunda type, of an excellent, thrifty low-growing bush with lovely glossy foliage. The semidouble light blooms seem to me to be a new shade of color in roses. It is quite hardy and resistant to black spot. Watch out for this in the news.

June 5 Last night there was a little shower. Morning paper says rain is coming. So today, being Saturday anyhow, was a day to get a lot of work done. If I can set out plants and sow seeds just ahead of a rain—why that's fine. So with David to help, things began to happen.

First job was to water well the cabbage and tomato plants in the coldframe. Then while this soaked down, we turned to other things. I had managed to get some seed of

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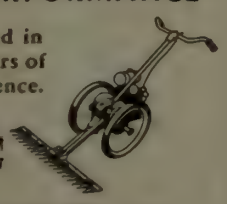


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the Burpee Hybrid cucumber—sold out when I had first inquired for it at the seed store downtown. This is the one that Maggie liked so well and that yielded so liberally.

David and I planted nine hills in a row across the vegetable garden. He scooped out shallow holes with the spade. I scattered some plant food in the bottom of each. David used a hoe to refill the hole with soil and make a flat hill mebbe two inches high. I followed after and planted the seeds, about six to a hill—to be thinned to three plants.

I saw too that the muskmelons are beginning to come through the ground. Success with these is to keep them constantly protected while small from beetles and other insects, which both eat the plants and spread wilt.



Began whacking bushes grown out of bounds. In places we can hardly get by when rain weighs down branches

So I hurried for some dust suitable for melons and cucumbers and dusted each hill. This contains rotenone and I get it ready mixed at the store.

Then David made furrows with the wheel hoe and I followed, dropping seed for a second planting of seed corn. He came after and by running the shovel alongside, threw soil over into the furrow to cover the seed. Then on to set out cabbage and tomatoes—a job I wish I had managed to get done two weeks ago. But betwixt weather and earning the family living, things don't always get done on the day the book says is right.

I dug the cabbage and tomato plants carefully, so that as far as possible, I could have a little ball of moist earth about the roots. The plants were not so large, but they



Mebbe I should fib that I set out cabbages and tomatoes in the cool evening. But it was midday in the hot sun

were thrifty and sturdy, as are home-grown ones transplanted from the hotbed earlier.

Mebbe we should tell a fib and report that we set them out at the

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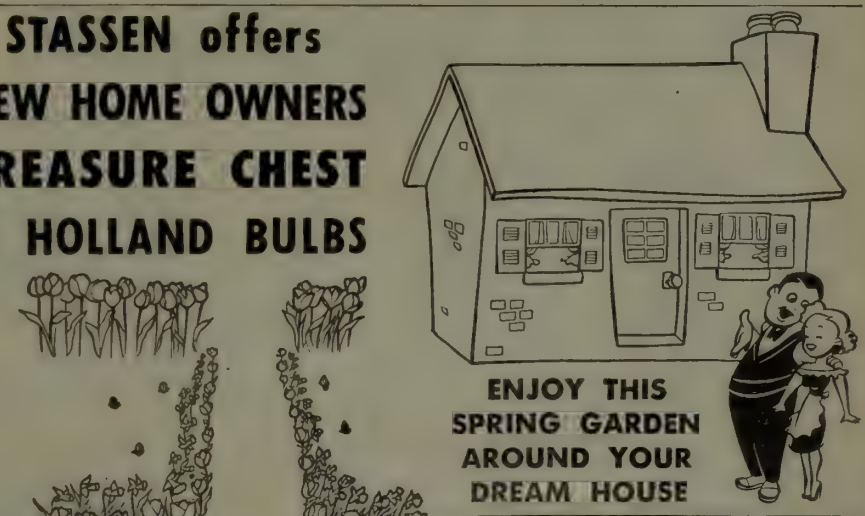


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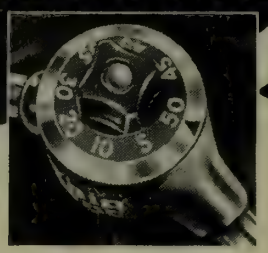
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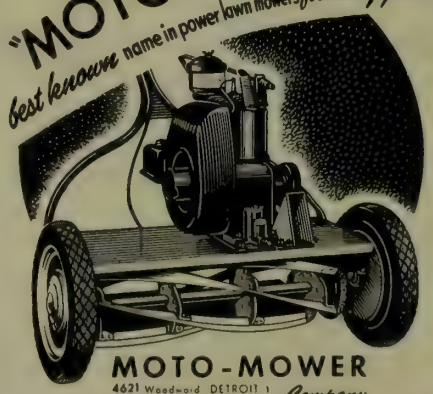
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The diary of a plain dirt gardener

Continued from preceding page

ideal time, in the cool of evening. *But actually we set them out in mid-afternoon under a broiling sun.* But within an hour, every tomato plant was standing erect and by suppertime, the cabbage had perked up likewise.

You see, as I set them out, David came along behind and watered them in with a starter solution. This he made readily by dissolving some plant food in the water. This gives the plants a quick pick-me-up and prevents wilting. At this point I released David, but went on working myself.

I had neglected to raise any broccoli plants, so in part of a row I sowed a packet of broccoli seed. These should come up, and if thinned and tended, make a crop for fall without transplanting.

With the wheel hoe, I gave the mum bed a good cultivating. With hand hoe, I went through the strawberry bed and dug out various weeds which had been missed by the cultivator. Now I was ready for that rain—and the supper bell was ringing.

After supper I firmly insisted that Maggie go back with me to see the new roses, including Lavender Pinocchio—which is really that color, and gaze upon progress amid the vegetable patch. I stood on the back path, orating and pointing to the cabbages and such.

Hearing no response, I turned around—and no Maggie. I had been talking to myself. She had spied those peonies clear back of the vegetables—some extra ones we have there—and there she was, cutting blooms off.

June 6 In the wee hours and half awake, I heard rain pattering on the roof. It kept raining gently all day, with everything getting a good soaking. I'm surely happy that we got all that work done yesterday. Only regret is, I didn't get in zinnia and squash seeds. Well, we can manage without squash, but I do want a good planting of the new Luther Burbank zinnias, at least.

June 7 Rain again and too wet to work the weeds. But after oration from Maggie, got out shears, clippers, etc., and began job of whacking back some bushes grown out of bounds and over paths and gates. In places we can hardly get through when it rains and water weighs down the branches.

Only work otherwise was to take in mess of spinach, lot of radishes, and quart of strawberries for supper. Hinted to Maggie as to high merits of strawberry shortcake. But my hint didn't work. It is poor psychology to take all those things in at once. Too much time involved in preparing spinach and radishes.

June 8 It is necessary that I leave tomorrow on a long trip, in pursuit of the family living, and

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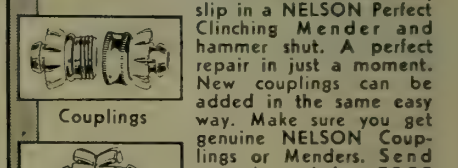
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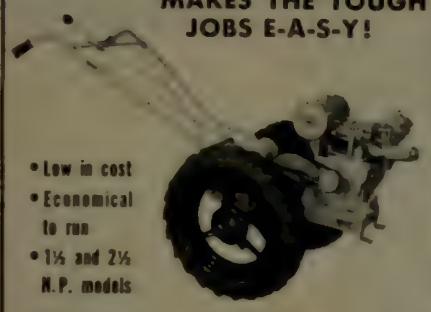
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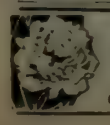
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Donald is to go along, to help me. David is having his final exams down at the University and when these are over, he goes on the domestic pay roll at fairly nominal salary, with title of Superintendent of Summer Maintenance.

I've been trying to get it into his head where the Lima beans are and how to weed the strawberries and that the Memorial daisies, now about through blooming, must be cut back so they won't go to seed and what kind of dust to use on everything.

Tonight I took him out to where I keep our dust supply in the garage. I tried to explain to him the uses of the various kinds. He just couldn't get it into his head about rotenone and DDT and sulfur and what not.

Finally, in despair, I told him just to load the big duster with general purpose dust and to use it on everything except the vine crops—roses, potatoes, beans, cabbage. Use this one other dust which says cucumber beetles on the outside on the melons and cucumbers. I didn't say anything about tomatoes, for these doubtless won't need anything until later in the summer.

June 9 Hurried out in brogans and overalls after breakfast for a last look at things. With hedge shears, cut off the faded blooms from those daisies, myself. This way, they will stool from the base and be ready for dividing later. Saw that I had never taken down my winter bird feeders. Did this and stored them in garage.

Then Donald and I, having packed up, climbed in the family chariot and off we went. My last words to Maggie, as we drove away, were: "Please sow that zinnia seed in the end of that bed where Donald spaded, just north of the iris."

We were spending the night in Lafayette, Indiana, and after supper, drove out to howdy with John Allen, the veteran photographer of Purdue University, and his wife—old friends and notable gardeners—at their home just outside town. And learned something.

Brown thrashers have been ruining John's sweet corn. Mr. and Mrs. Thrasher take their young to his garden corn. They dig down alongside a little shoot coming up, pull it out and feed the softened grain to their offspring.

First planting was ruined and a replanting going fast. So John tried covering each hill of corn with a leafy twig. The birds didn't bother the corn under this and he has hopes of a crop after all. The birds simply moved over to a neighbor's garden. We saw them over there, hard at work in the twilight.

June 13 Sunday morning, and Donald and I were driving through Joliet, Illinois. So we turned south a few miles toward Elwood to howdy with Lyman D. Glasscock, whom I have known for years but had never visited at home.

Mr. Glasscock is one of the most important originators of new peonies in the world today. For many

[*Turn to page 224*

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that hatch the

MOTH WORMS



that make the moth holes

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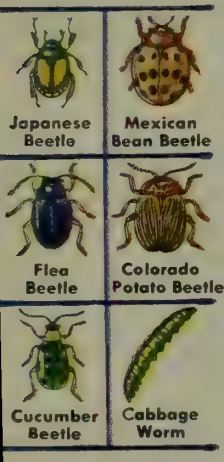
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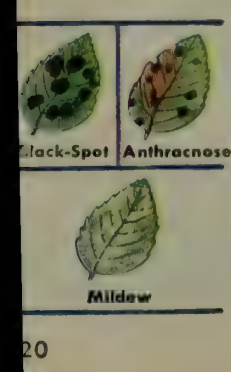
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The new and exclusive EndoPest package itself is a handy dust gun. Just a few strokes produce a cloud of dust that protects both vegetables and flowers. Can also be used on trees, shrubs and fruits.

So—dust 'em early—dust 'em often—keep 'em off with EndoPest. Available in a dust gun that's refillable with a cartridge; also in a sifter-top package for house plants and in economy size for your own dust gun. Get EndoPest where you buy Vigoro.

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2 more great gardening aids!

VIGORO—complete, balanced plant food for lawns, shrubs, trees, vegetables and flowers.

EndoWeed for a weed-free lawn.



It's how you cultivate —not how much

By Ralph K. Andrist

Cultivating a garden is like any other job—it's much easier to do a good job if you know just what you're doing and why you're doing it.

Cultivation to kill weeds and stir up soil around plants is probably the biggest single job in your garden. Weeds may cut vegetable yields by one-half or more, and they're just as hard on flowers. Cultivation also puts a fine dust mulch over the top of the ground, which helps slow down evaporation of moisture, especially if soil tends to crack open.

The diagrams below show you what happens when you cultivate, and why there's a good and a bad way. Remember these principles when you work in your garden, and you'll be able to do more for your plants.



What happens if you don't cultivate? The sketch gives you the answer. Weeds grow and crowd the plants, robbing them of necessary moisture and food. Other water is lost by evaporation from cracks in the earth. And, almost as important, your garden looks untidy

Drawings: Brimer



Things look better after you go to work with hoe or cultivator. The weeds are gone, and moisture and food go to your plants as they should. The cracks are broken up, and bacteria which work best in loose, warm soil are busy releasing more food for plants



Deep cultivation might be good—if plants didn't have roots. Restrict your hoeing to the top inch or two or you'll injure roots. Even then, don't cultivate right after a light rain; let water soak down first in order not to hasten evaporation by stirring the moist soil



Don't cultivate too much! Magnified view shows properly cultivated soil, made up of tiny granules. Spaces between contain humus and hold air, water, and dissolved plant food. Roots grow easily in such soil and pick up the nutrients that make a healthy plant



And this is what happens if you overcultivate. Soil granules break down, and spaces are gone. Soil now sheds light showers, gets waterlogged in heavy rain, and packs hard. Your feet are also packing soil between rows when you are in the garden too frequently



Better than hoeing, and far easier on you, is the use of a mulch such as grass clippings or leaves. It insulates soil against hot sun, absorbs rain, slows drying of soil, smothers weeds. Apply at least two inches deep. Use plant food under mulch to get full benefit

With this pair "weeding's" never been so easy!



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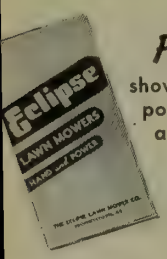
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Large 16-oz. can $1 Postpaid . . . Makes 100 gals.

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We stacked up logs

Begins on page 32



The half-logs make a flat wall inside, which we're furring out with 2x4's before putting on wallboard. I'm nailing one of the 2x4's in place on the north wall of what will be a bedroom

They're half-logs tongued and grooved on the side so they fit together and make a flat wall on the inside. On the inside we're furring out with 2x4's and finishing with wallboard.

We found the logs less expensive than a frame house of the same 26x30 size, paying $560 for all of them. We're preserving their natural color by painting them with a clear oil.

Ours is a four-room house with no basement, but plenty of built-ins and closets, and a good-sized attic for storage space. We're going to heat with a floor furnace.

We were real amateurs. I didn't know a joist from a beam when we started, and Howard knew little more.

To illustrate: not until we had taken the forms off the foundation, laid the subfloor, and started to put the first logs in place did we notice we had cut four feet off our patio in pouring the foundation.

As things usually do, it worked out for the best because that let us add two feet to our bedroom and two feet to the guest closet in the front room, creating storage for bulky things like skis, tennis rackets, and luggage.

Luckily, that was our only major error, unless you count my injury. One Sunday I was chopping down a small tree. I started to shove it over, but I didn't finish that day. The roots of the tree must have gone under a yellow jacket nest on the ground, because the wasps really took off after me.

I took off too, and didn't stop for a good 200 yards! I looked around cautiously and found I had lost the wasps—and had only five stings.

Then I noticed my wound: in my hurry to leave I had taken the ax with me and chopped my knee during the sprint.

We haven't hired a single cent's worth of labor, but have done it all ourselves with some family donations like Howard's grandfather, who helped on the subfloor and

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". . . and I have learned to spit through my teeth."

partitions; Howard's father, who helped us get started on the plumbing, and my mother, who baby-sat for us.

The three men worked four days of Howard's vacation putting up the logs and inside partitions. We worked weekends and nights as long as we could see and longer.

It took us almost a month to put our shingles on; at the last we got so eager we took a lantern up on the roof and shingled after dark.

We've worked about 670 hours so far. Figuring carpenter's wages at $2.50 an hour, we've already saved $1,675. Before we're done, we'll have saved twice that figure. We have $3,500 to spend, and not a cent more; it's taken some mighty careful shopping, but I believe we'll make it under the wire.

We had intended to celebrate last Christmas in our new home, but three months of bad luck set us back; things like a demolished car and the baby's broken leg kept us from the job.

At this writing the doors are about ready to be hung. Howard's carpentering grandfather is back again, and we're working on the chimney. Yes, the roof is already on; but we left a hole big enough for the chimney: I said we were amateurs, didn't I? (Actually, the idea was to get the house as weather-tight as possible before the rains came.)

Already we're talking of building a bigger place—perhaps at this rate two more amateurs will turn professional! Even if we don't, it gives us a good feeling to know we can lick our problems with a little hard work and lots of fun.



The end of a tough day's work, and time for lunch and hot chocolate in the living room. The table is a slab door across two sawhorses, the seats an apple box, three sacks of cement

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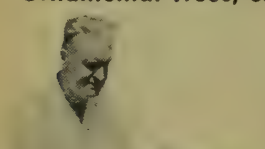
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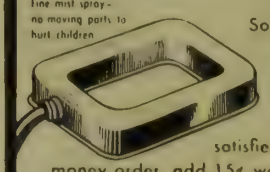
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GARDENING COUNCIL ASSOCIATION
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The diary of a plain dirt gardener

Continued from page 219

years he has been crossing various peony species, in a search for new hybrids that will be different from peonies we now have and that will bloom earlier. He showed me seedlings that are the third generation from his original crosses. Some of these have new colors, never seen before in peonies, including some with small, jewellike blooms.

June 20 From Marshalltown, Iowa, I called home on the phone to find out how things are, back there. "Something is wrong with our tomatoes," said Maggie. "They aren't growing and they look so funny. What is the matter?" I can't imagine what the trouble might be.

June 25 About 11 tonight we drove in home, to find things in good order. David was all tanned, which indicates he has been looking after things outdoors. But Maggie had a tale of woe to tell.

It had happened last washday. Washing was all up on the lines in the back yard. She was in work clothes, tired out, and hair every which way. She looked up—and saw a procession of strange autos filling up our drive and parking along the road out in front.

It was a garden club—strange women from a town 75 miles away—on a tour. They had come, all dressed in their Sunday best, without warning or invitation, to see our posies, which flustered Maggie considerably.

June 26 Up betimes and out to view our domain and believe it or not, most everything is coming famously. Peculiarly enough, the tomatoes now look all right. But alas, there is a vacant spot at the end of one bed. The zinnia seeds were never sown. Tonight on went overalls and I went on back in routine form, to cultivating and what not.

June 27 That new little power sprayer, ordered earlier, came while we were away and David had put it in working order. So today we got it out and sprayed the roses with it. This sprayer holds 12 gallons and the little gas engine will pump up to 300 pounds pressure. The nozzle will give anything from a stiff stream to a fine spray. The latter is what we used on the roses.

June 29 Rain today, so studied some of the catalogs and got off orders for new iris.

June 30 When wind died down, dusted about everything on the place. On the potatoes I am using a special dust I bought ready-mixed, which contains DDT for insects and fixed copper for early and late blight. The general purpose dust can also be used.

News note: *Garden week in Massachusetts, June 14-20.*



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To revive a scrawny privet hedge

A reader finds that a hedge can get a new lease on life

"To the editor:

"Thanks to a tip published in *Better Homes & Gardens* several years ago, a tip that led to the redesigning of our 'living fence', we no longer have the unsightly, partly naked privet so prevalent in many communities, including our own.

"I had long deplored the lack of growth along the bottom of our hedge, but never knew how to correct it. The article I refer to advised trimming the hedge narrower at the top than the bottom so sun and air and rain strike the base and sides as well as the top. . . .

"Many of the neighbors were frankly skeptical and were sure I was ruining a perfectly good hedge, but the years have wrought an almost unbelievable improvement as the pictures show. Now my previously doubting neighbors are convinced that the tapered method of trimming has real merit."

(Signed) Edward C. Grotz
Wilmington, Delaware



"Our hedge looked like this. Growth was sparse, with ugly gaps along the base. So, following your advice, I cut it back to a height of 3 feet to permit trimming without too much bending. I tapered the sides from 1½ feet wide at top to 2½ feet at bottom"





"Both sides of the hedge slope outward from top to bottom. Thus unshaded (privet dislikes shade) the bottom can now thrive on equal terms with the top. This shape also helps the hedge to shed better winter's heavy snows"

"Improvement has been amazing. Thick, green growth has taken the place of the gaps at the bottom and the entire hedge has perked up and filled out. I trim three times a year: Memorial Day, July 4, Labor Day"

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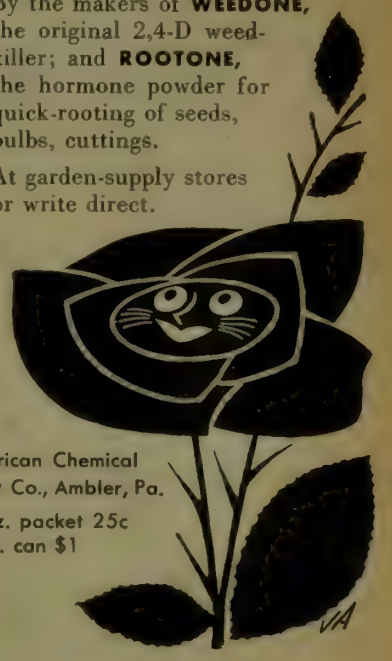
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and get earlier, finer roses. Soak bare-rooted stock before setting out; water established rose bushes with **ROSETONE.**

By the makers of **WEEDONE,** the original 2,4-D weed-killer; and **ROOTONE,** the hormone powder for quick-rooting of seeds, bulbs, cuttings.

At garden-supply stores or write direct.



American Chemical Paint Co., Ambler, Pa.

½ oz. packet 25c
3 oz. can $1

Kill Lawn Weeds with

WEEDONE.®

The Original 2,4-D Weedkiller

Successfully Used on Over a Million Lawns

For a weed-free, greener lawn, spray dandelions and plantains; also poison ivy, honeysuckle, ragweed, wild morning glory. Get a complete kill —without killing grass.

6-oz. can 75 cents Quart $2.50

Prices of larger quantities on request. At your garden-supply store; or write

American Chemical Paint Company
Ambler, Pa.





GOOD GARDENS DESERVE "Black Leaf® 40" PROTECTION

Spray with BLACK LEAF 40—the choice of professionals. Year after year they rely on it to guard vigor of foliage, beauty of bloom and quality of fruit.



BLACK LEAF GARDEN DUST

Protects Gardens 3 Ways:

(1) Kills certain chewing insects.
(2) Kills certain sucking insects.
(3) Controls certain plant diseases.

Black Leaf Garden Dust is a blend of time-tested insecticides—nicotine, rotenone and pyrethrum, plus an effective fungicide . . . Leaves no harmful residue.

Manufactured By
TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION
ASK YOUR DEALER "Black Leaf" Richmond 19 Virginia
LOOK FOR THE Black Leaf ON THE PACKAGE

Garden clinic

Begins on page 16

Acid soil and moss

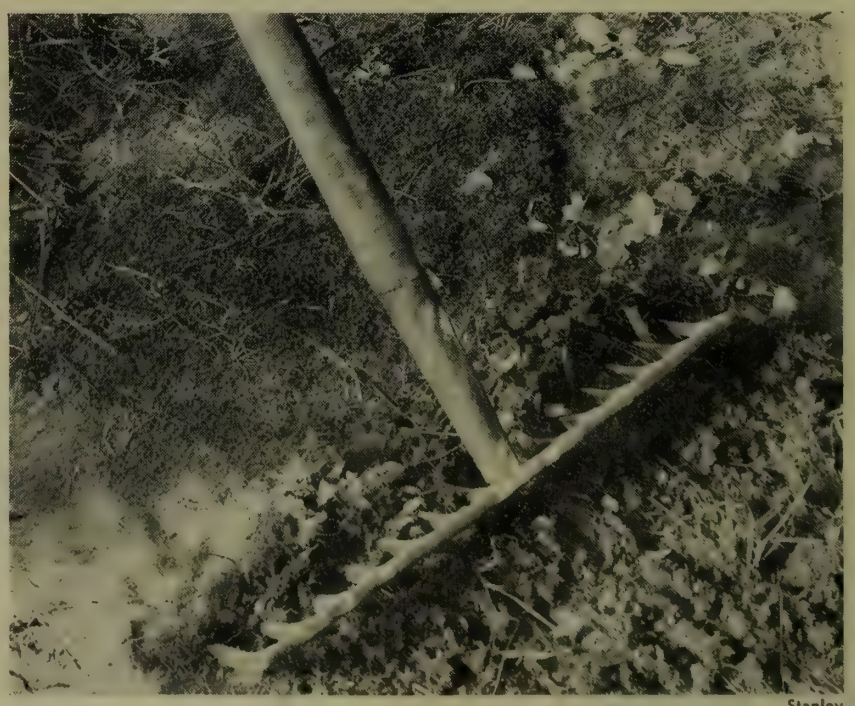
Q *I'm having poor success with my azaleas and rhododendrons because my soil isn't acid. What can I do to correct it?*
R. O. B., Delaware



Hufnagle

Mix about two inches of acid peatmoss into your soil as shown. Better yet, spade in plenty of oak leaves, pine needles, or hardwood sawdust, especially oak. Soil can also be acidified by spreading two pounds of sulfur or 10 pounds of aluminum sulfate per 100 feet of bed and watering it in. For established plants, the easiest cure is to use one of the special plant foods for plants that need acid.

Q *Large patches of moss are growing on my lawn. I've been told that this is caused by acid soil, and that lime is needed.*
J. J. A., Kentucky



Stanley

Moss is no sign of acid soil; it grows as well on alkaline soil. But it does mean that your lawn needs feeding. Feed with balanced plant food. Then scratch up mossy patches as shown and sow grass seed on bare spots. Don't use lime unless you have definite proof that it is needed.

BOLENS HUSKI Handi-Ho



The hours you spend on lawn and garden care will be pleasant ones when you depend on the BOLENS HUSKI Handi-Ho to do your work. And the results will be even more pleasing to you. Handi-Ho is an easily steered, precision-engineered single-wheel garden tractor that works for you summer and winter. It mows your lawn, does your gardening and clears snow off your walks and drives in winter. See your Bolens dealer or write direct for complete information.

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263-6 Park Street • Port Washington, Wis.

New Easy Way



TO KILL WEEDS POISON IVY, etc.!

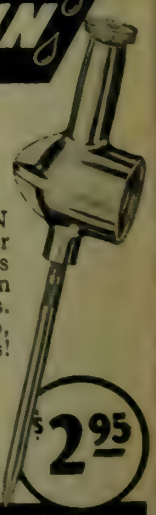
Here's relief from back-breaking labor! *Hammond's Weed Killer* kills stubborn weeds, poison ivy, wild grass, etc. in driveways, in fence corners, over stone walls, etc,

Just mix with 40 parts water and apply to infested area. Saves hours and hours of hard toil. Remember that! It's your reason for insisting on *genuine Hammond's Weed Killer*. Quart can 70¢. Goes far. At your dealers or direct. Send for free Weed Killer folder. Write today. *Hammond Paint & Chemical Company*, 311-69 Ferry Street, Beacon, N. Y.

HAMMOND'S WEED KILLER

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Flower gardeners—SPRAIN blows a gentle mist over flower beds; thoroughly moistens soil but won't break down stems or knock off petals. Quickly adjusts for deep, quick soaking of thirsty lawns! Chrome plated; won't rust. No moving parts; 7½" long. If your dealer doesn't carry, write—SPRAIN, 6560 West Diversey Avenue, Chicago 35, Illinois. *Dept. B-1.*

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BIG SELECTION OF SUPERIOR VARIETIES IRIS & DAYLILIES EDENWALD GARDENS Dept. B VINCENNES IND.

SPARTAN power SPRAYER

ROUTS WEEDS AND FLIES —

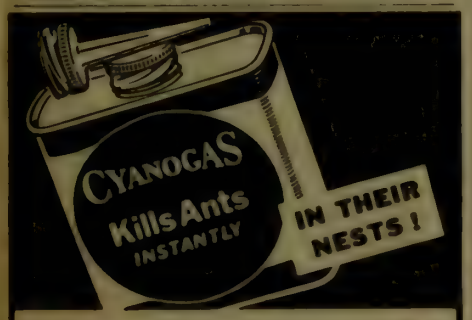


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Spartan portable power sprayer provides the best way to apply weed killers or insecticides. Delivers up to 3 gal. per min. at 10 to 200 lbs. pressure. Sturdy, reliable Spartan will win your battle against pests! Find out what Spartan will do for you

SPARTAN PORTABLE POWER SPRAYER KILLS WEEDS quicker, easier. ROUTS FLIES and mosquitoes from barns, homes, resorts! DISINFECTS poultry houses! FIGHTS ROACHES and other indoor pests effectively! SPRAYS CATTLE for more meat and milk production!

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Lansing 4, Michigan — San Jose, California
DIVISION OF FOOD MACHINERY & CHEMICAL CORP.



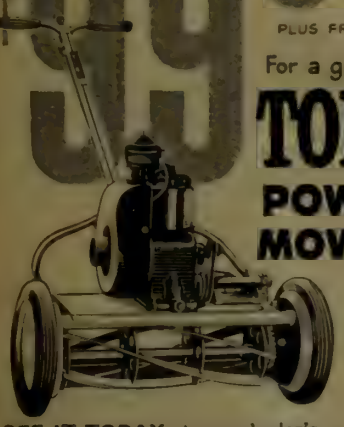
Rid your lawn or garden of ants and keep them out of the house. Just keep CYANOGAS® handy and pour a few grains in each nest. The gas produced kills all the ants in the nest instantly. Can be applied in a matter of seconds. Sold at drug, hardware and seed stores.
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Garden clinic

Killing slugs and moles

Q *Slugs do heavy damage in my garden every year. How can I get rid of them?* *L. J. C., Maryland*



Stanley

Buy a good commercial slug bait and poison them. Scatter bait around plants as shown. Cleaning up your garden to get rid of daytime hiding places will also help. Then put down a few short boards here and there and slugs will gather under them in the morning, ready to be killed en masse.

Q *Can you suggest a good way to keep moles from burrowing through my lawn?* *W. F. B., Illinois*



Trapping is one sure way to kill moles. Pictured is a harpoon-type trap set over a pressed-down portion of runway. When mole pushes up sod he trips trigger and is killed. Other traps are equally effective. You can also control moles by putting lye, cyanide compounds or other poisons in burrow, or by running hose from car exhaust into runway.



4 More Fine Tools
make it easier to keep lawn and garden neater with less effort!

Standard Doo-Klip Grass Shear	1.95
Snip-Itt Jr. Light Weight Grass Shear	1.50
Doo-Klip Hedge Shear. New!	3.95
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Send now for your copy of "Western Pine Camera Views." Full of ideas for remodeling, it is profusely illustrated. See what you can do with **your** kitchen — or bedrooms, basement, living room, attic!

You can have it — free. And you can have rooms as charming as the one pictured here! It's **easy.** When you plan to remodel, just call on the lovely Western Pines*. These radiant woods — so versatile and economical — can help bring beauty to any corner of your home.

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If you're interested in magnificent performance, it's the one at the ght. She maintains her home and family one of the highest standards of living in the world. She and her usband put home and family above all else, and together, they depend upon Better Homes & Gardens for ideas and information. Do they find your story there when they're making up their minds?

America's First Service Magazine

Better Homes and Gardens
CIRCULATION OVER 3,000,000

Double-feature garden

Begins on page 50

These are all iris in the 50-cent to one dollar-price class:

Blue
- Great Lakes—light blue
- The Admiral—medium blue

Deep purples
- Sable—blackish-purple
- Nightfall—pansy-purple

Yellows
- Treasure Island—vivid yellow
- Golden Hind—golden yellow

Whites
- Priscilla—pure white
- Gudrun—large white

Reds
- Christabel—brilliant red
- The Red Douglas—dark red

Pinks
- China Maid—lilac-pink
- Flora Zenor—rose-pink

Copper and russet
- Spring Chimes—golden-russet
- Grand Canyon—copper-plum

Plicatas (stitched)
- Los Angeles—blue-white
- Tiffany—yellow and lilac

Bicolors
- Wabash—white and blue
- Amigo—lavender and purple.

In chrysanthemums of the hardy garden types, I recommend:

Allegro—shrimp-pink
Betty—appleblossom-pink
Olive Longland—apricot-salmon
Avalanche—cream-white
White Wonder—pure white
Bokhara—rosy-crimson
Courageous—ruby-red
Charles Nye—buttercup yellow
Wychwood—canary yellow
Mrs. Pierre duPont—salmony-orange.

While the major portions of our chrysanthemum plantings are these hardy garden types, we also get a lot of pleasure from growing the large hothouse mums outdoors. Most people don't think it possible, but we've been growing them for many years.

To grow them here in the midwest, you must choose varieties that will bloom early enough to beat the frosts. We've found the best of these to be:

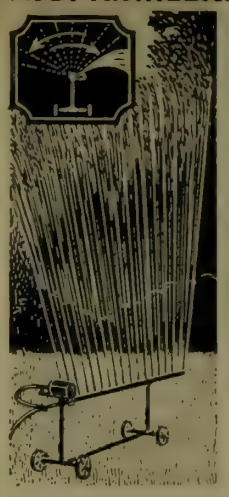
Mrs. H. E. Kidder—golden yellow
Yellow Ambassador—lemon yellow
Silver Sheen—white (pictured in

BETTER HOMES & GARDENS



"Yes, a horticultural genius has the apartment below us."

The SPRINKLER of SPRINKLERS



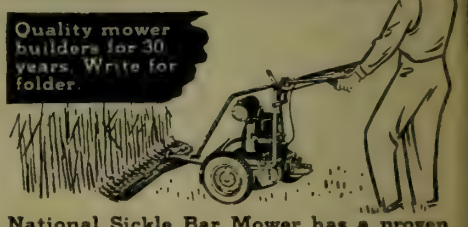
Water falls like rain over rectangular areas of 1200 to 1800 sq. ft. with perfect distribution. No overlapping, no dry spots. Quickly adjustable to smaller areas. Driven by integral hydraulic motor, spray travels back and forth and may be set to trip at any angle to water right up to but not on sidewalks, house or other buildings.

MARCH Automatic RAIN-MAKER

Uses less water, saves labor and lasts for years. By long odds the most efficient and versatile sprinkler ever built. 4-wheel chassis for convenient handling. Attaches to ordinary garden hose. Thousands in use on golf courses, parks, cemeteries, estates and smaller home lawns and gardens. 1200 sq. ft. capacity—$35; 1800—$45. Write for literature. Sold on MONEY BACK GUARANTEE. C.O.D. or shipping prepaid for cash with order. Available NOW.

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National Sickle Bar Mower has a proven record of satisfaction. 38" Sickle cuts grass hay, weeds. Full pneumatic tires, two clutches, good traction, easy to handle. Used for years by U.S. Gov't., Railroads, State Highways, Farms, Estates, Orchards, Cemeteries, Golf Clubs, etc.

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Perfect potting soil for violets, gardenias, all house plants. Leaf mold, sand and black loam. Does wonders for house plants. $1 for 3 lbs., postpaid, 5 lbs., $1.50; 10 lbs., $2.50. Also sent C. O. D. plus postage.

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Dept. BH-1. Clip this.

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$1

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100 RAINBOW TULIPS $3.35



Gorgeous Rainbow Assortment of choice DARWIN, COTTAGE and BREEDER TULIPS. Wide range of brilliant shades and colors.—Red, White, Pink, Lavender, Yellow, Bronze, Purple and Orange. Sold in Mixture only.

BULBS OVER 3 INCHES Average Circumference *Guaranteed to Bloom Next Spring*

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100 CHOICE BULBS.....$3.35
ORDER NOW. PAY NEXT FALL. We will ship C. O. D. Plus Postage, or SEND CASH with ORDER and we will pay the postage.

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Keep rabbits away from flowers and plants

Rabbit Scat

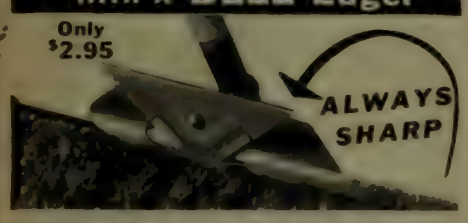
A repellent . . . not a killer. Will not harm plants or soil. Supplied: 6 oz., $1; 1 lb., $2.50; 5 lbs., $10. Send $1 for the 6 oz. can (enough for the average garden) or . . .

See your seed or hardware dealer

GARDEN CHEMICAL CO.
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MAKE YOUR LAWN LOOK SWELL WITH A BELL Edger

Only $2.95



Removes long grass that escapes mower along walks, driveways. Cuts drainage gutters ½" deep. Requires no sharpening. Turning a screw loosens plate so that single edge razor blades can be replaced quickly and easily. Takes all the work out of trimming lawns. Strong steel base, will last indefinitely. If not at your dealer, order direct $2.95 Postpaid. Satisfaction guaranteed. Bell Lawn Edger Div., 1331 N. Halsted St., Chicago 22, Illinois

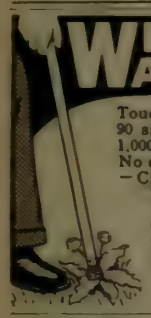
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BLOOMS ALL SUMMER—in NEW blushing shades of delicate pink and camellia's lovely form. Flowers profusely June through October. **WRITE NOW** for new kind of garden book, KELLOGG'S FAMOUS FLOWERS—tells what and how to plant. Brilliant color pictures of new flowers; clear, how-to-do drawings. Complete, expertly written. Cost thousands to produce. Yours, plus 4 months FREE consultation service for only 10c

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WEED WAND *Spot* **WEED KILLER** *"Works Like Magic"*



Touch WAND to weed. Kill dandelion, 90 similar pests. One fill of 2,4-D kills 1,000 or more. No stooping. No digging. No danger to other plants. Easy—Safe—Clean—Sure—Low Cost—Practical.

WEED-WAND—postpaid . . . . **$1.**
WEED-WALLOP (48 fills of 2,4-D) **$1.**
Order both today for . . . . . **$2.**
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Mow Hay
and Lawns

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Do Belt Work—*Free Catalog*



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NEW YORK, N. Y. 601-11 West 26th Street

the foreground of the bottom picture on page 51)

Hilda Bergen—bronze-red
Major Bowes—deep lavender
Lustre—lavender-pink

I recommend you do not let these large-flowered types form more than three or four stems. Pinch out additional growth. When they start to form, leave only one bud at the tip of each stem, pinch out the others. After buds show, feed weekly with liquid plant food. Give a pint each of sulfate of ammonia mixed 1 tablespoon to a gallon of water. Discontinue feeding as soon as the buds show color.

Staking, as I've said, is a must. These plants grow tall—three feet to possibly six. Staking will also permit the smaller types to give you the best display. When color begins to show, you'll want to retie many of them. Tie cords tightly to stakes, then loosely under flower heads so that each can fluff out more naturally.

On following directions

As a child, I loved flowers, and sweetpeas were my favorites. All one cold, snowy winter I looked forward to the spring, when I could plant the seed I had bought with my carefully hoarded weekly allowance.

Then came planting time.

"Now read the directions carefully," mother advised.

But I read no further than the first line which said, "Dig a trench 16 inches deep."

I dug the trench (a big job for a 9-year-old) and then I carefully placed the seed in a neat row along the bottom and shoved the dirt back in—all 16 inches of it.

Weeks passed but the sweetpeas failed to grow. One day when all hope for my flowers was gone my mother asked, "Are you sure you followed the directions?"

I was sure, and to prove it found the seed envelope.

I read, "Dig a trench 16 inches deep and fill to within 4 inches of the top with well-rotted fertilizer and then plant the seed."

The memory of the sweetpea seeds still lying under 16 inches of heavy soil has been a mute reminder of the mistakes that can be made when instructions aren't followed.—*Elaine Anderson, Deerwood, Minnesota.*

BETTER HOMES & GARDENS



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THESE astonishingly different new Sonotones can *double* hearing aid power. Yet nearly everyone using them hears with much *less* power—and much easier *understanding!* Like tuning in the radio or focusing television, they clear the fuzziness from words—so "should" doesn't sound like "sure", or "hat" like "cap". They hear *more* in all kinds of weather and altitudes, at all distances. Millions never satisfied before can *hear and understand*—finding success in Sonotone's plan for better hearing.

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See the Clemson . . . Try the Clemson at your favorite hardware, seed or department store today . . . then whirl away to years of the easiest mowing ever.

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Middletown, N.Y. U.S.A.

exclusively through wholesale distributors to all channels by the makers of world-famous Star Saw Blades Frames and Band Saw Blades.

Corncobs help grow better gardens

By Charles R. Milton

Here's the latest prescription for roses, shrubs, vegetables, and flowers: "Apply ground corncobs and let alone."

Results? Fewer weeds with less cultivation, more moisture and less watering, cooler roots and more bloom.

In the past we've known that ground cobs make good mulch. But getting it was another story, and involved driving out into the country to find a farmer who could be persuaded to gather and grind a supply of cobs.

Hybrid corn industry ended all that. Cobs began piling up at seed corn plants and offered a real problem of disposal. Then the greenhouse men tried using ground cobs as a substitute for other mulches which were becoming hard to get. Most of them grumbled at first that it couldn't be done, but the smart men in our college floriculture departments showed it could, and at a cost lower than old methods.

As a result, many of the country's leading rose growers now use corncob mulch entirely. Some are even bold enough to brag about getting better quality and deeper colors.

Cobs do not bring in new weeds because weed seeds are seldom mixed in with them. At the same time, it keeps down weeds that might grow from seeds already in the bed. Because of its light, porous nature, it can be applied three to four inches deep, enough to discourage all but old, established perennial weeds. And since it's cheap, most gardeners can afford to use that deep a mulch.

This thick mulch layer keeps the soil cooler and slows down evaporation by cutting off the sun's rays. Ground cobs are a surprisingly good insulator; if they didn't contain so many starches and sugars, they would probably have been snapped up long ago by the building industry.

If the cobs are allowed to remain on top of the soil from year to year, as is possible in a rose garden, for instance, the chemical composition of the material isn't of too much importance. But when the old mulch is dug under then we run into trouble from the starches and sugars.

Bacteria start breaking down these substances when the cobs are dug under, and require nitrogen for the process. They grab that nitrogen wherever they can find it, and usually take so much of it that plants are robbed.

For this reason, when you do dig under a corncob mulch, be sure you add a little quickly available nitrogen at the same time. On most soils about a cupful of nitrate of soda, ammonium nitrate, or ammonium sulfate will be enough to offset the effects of bacteria in a bed 10 by 25 feet. Or, easier, spread a light dusting of a complete plant food on the soil.

Cob mulch is good for two or three years when used on top of the ground. If your soil dries slowly in the spring, you can remove and pile the mulch for re-use.

A big problem right now is that cob mulch isn't available to everyone. Because it's bulky, it isn't shipped far. However, you can locate a supply almost everywhere corn is grown for feed or seed, and especially where there are hybrid corn processing plants. If they aren't ground, you can usually get a farmer or local mill to do it for you. But no matter where you get them, try corncobs. They'll make your gardening easier and better.

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NO BLIGHTS!

on roses and other flowers
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DU PONT
FLORAL
DUST



NOW YOU CAN WARD OFF insects and fungous diseases with new Du Pont Floral Dust. Contains special Du Pont chemicals to control pests on flowers. Ideal dust or spray, for:

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DISEASES—Rose rust, black spot, powdery mildew, fungous diseases of many other flowers.

If your dealer doesn't stock Du Pont Floral Dust, order direct from us and send us his name. Two sizes: 8-oz. in refillable dust gun, $1.00; 1-lb. canister, $1.40 (prices include postage). Write to Du Pont, 4030-B Du Pont Bldg., Wilmington 98, Delaware.

DU PONT
REG. U.S. PAT. OFF.

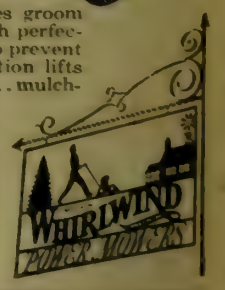
BETTER THINGS FOR BETTER LIVING
...THROUGH CHEMISTRY

MULCHIFY
CLIPPINGS
AS YOU MOW!

ROTARY SCYTHE
WHIRLWIND
POWER
MOWER



WHIZ!...
and the whirling blades groom your lawn to rug-smooth perfection...pulverize weeds to prevent reseeding. Suction-Action lifts grass for even mowing... mulchifies clippings, eliminates raking. 17 years a favorite for safe, simple, low cost operation. See your Whirlwind dealer or write: Whirlwind Inc., Milwaukee 12, Wisconsin. Dept. BH69.



A SUBSIDIARY OF TORO MFG. CORPORATION



AMAZING NEW LAWN SPRINKLER

MIST—A Fine Atomized Spray
MIST with revolutionary design uses 50% less water. MIST gives complete soil saturation: keeps right degree of moisture. MIST gives deep penetration of water into roots; prevents damage of delicate seedlings, roots and flowers. Eliminates surface wash-off. Nothing to wear out. Satisfaction guaranteed. A Big Value—Only $2.50
Check or Money Order. No C.O.D.'s

Di Machine Corp. 2715 Irving Pk. Rd. Chicago 18, Ill.

Try drapery camouflage

Draperies of the same size make mismatched windows look alike



Problem One odd high window, set off by itself on a side wall, made curtaining this pair of regular-sized windows difficult for Mrs. W. F. Kucharo of Des Moines. If the pair were given one size drapery and the single window another, the corner would look spotty and unfinished

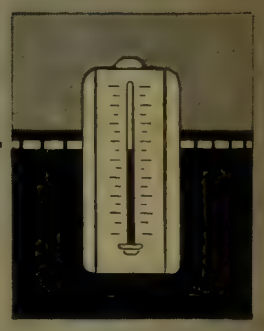
Photographs: Stanley



Solution Three matching pairs of ceiling-to-floor draperies, topped by a valance, go round the corner to tie the three windows together. The little high window wasn't needed for light so it could be hidden under permanent draperies. You may still guess that there's a third window, but you don't know that it is a different size. John Seivert, decorator

first with

"COMFORT-LEVEL HEAT



Eliminates all the old discomforts of forced warm air heating.

Can you imagine "unconscious heat"? We'd like to call it that because with Janitrol Comfort-Level heat there's no sensitivity to being cold or excessively warm . . . you're not conscious of your heating . . . all you *feel* is comfort.

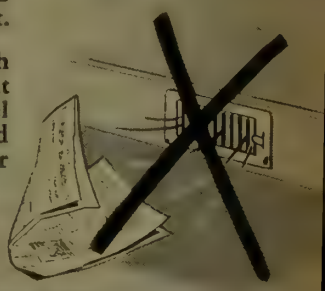
Janitrol Comfort-Level heat is made possible by the combination of newly developed, more accurate controls . . . a new, but proved, method of blower operation . . . and new exclusive design features only available in the new Janitrol Winter Air Conditioner.

You may not be interested in a technical description of how this great advance in heating comfort works; but you should be interested in how you can benefit from Janitrol's newest contribution to clean, healthful warmth and true winter comfort.

If you are building or buying a new home, or wish to modernize the heating system in your present home, get a full description of Comfort-Level heating from your local Janitrol dealer. He's listed under "Furnaces" in the yellow section of your telephone directory.



NO MORE . . . cold flo
that chill the feet, a gen
almost continuous flow
warm air keeps floors a
comfort-level.

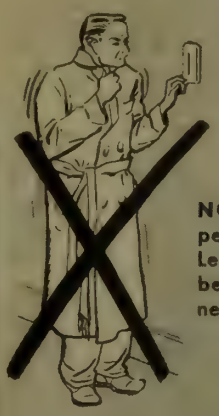


NO MORE . . . sudden blasts of cold or hot air to give you a sensation of being cold . . . then hot, warm air enters the room at a constant comfort-level.

NO MORE . . . different temperature levels. With Comfort-Level Heat, degree difference between the floor and ceiling is never noticeable.

NEW FROM HEAD TO TOE





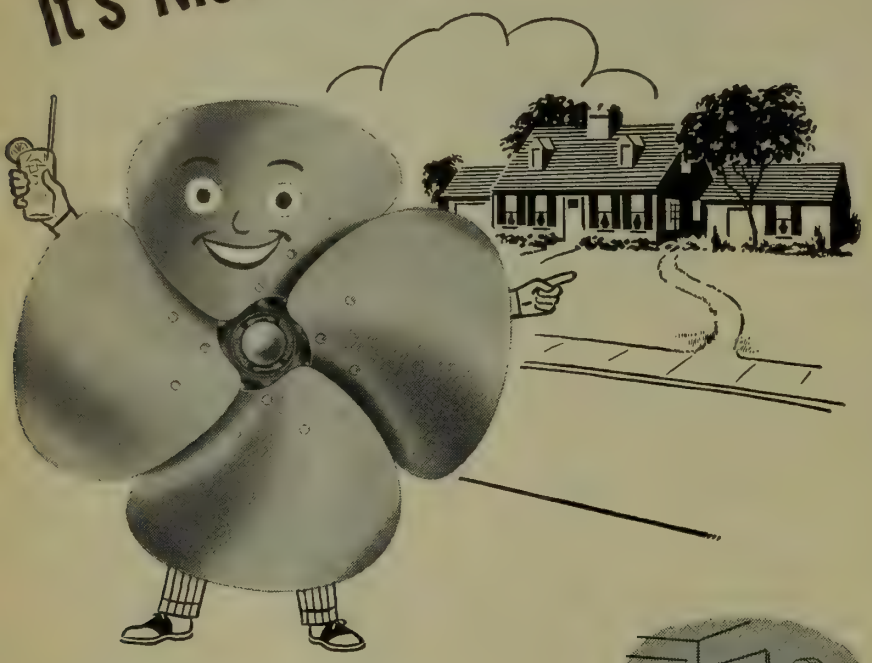
ASK YOUR
Janitrol
DEALER ABOUT
"COMFORT-LEVEL" HEATIN

SURFACE COMBUSTION CORPORATION, TOLEDO 1, OHIO



WINTER AIR CONDITIONERS • FURNACES • TRIPLE SERVICE
SYSTEMS • BOILERS • CONVERSION BURNERS

Come on over to Our House . . It's Nice and Cool Over Here!

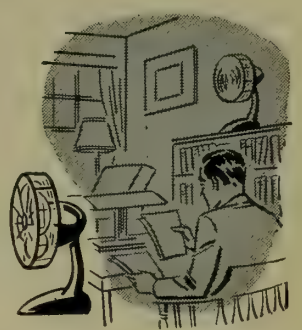


I'm Going around in Circles to keep you Cool this Summer!

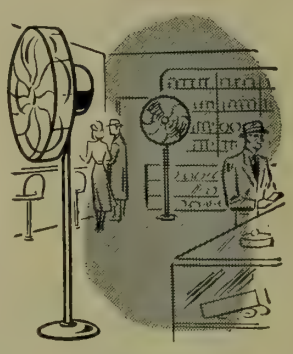
Did you ever wonder why some folks keep so cool and comfortable on hot summer days and nights — or why it's more fun to visit the Smiths than the Browns when the temperature's a "fright"? That's because they've discovered the wonders of modern air moving equipment — the simple, flip-a-switch way to control summer tempers and temperature!

There are so many wonderfully simple ways to beat the heat this summer — in your home, office or store: *window fans* and *attic fans, floor fans* and *desk fans, air circulators* and *air conditioners* — all smart ways to keep your sense of humor when the weather's hot and humid.

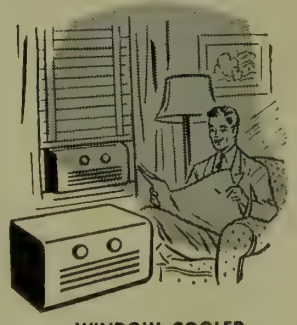
And here's the hottest tip of all for cooler summer living: — When you buy cooling or ventilating equipment, just remember that the comfort derived from air moving equipment depends on the design and durability of the Air Impeller. (It's the fan or blower wheel that really moves the air!) You'll be *doubly* sure of quality and comfort if the unit you buy is equipped with a quiet, efficient and sturdy Torrington *Vair*ified Air Impeller!



DESK FAN



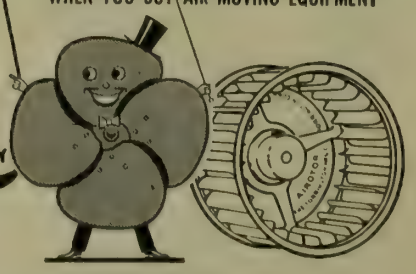
FLOOR FAN



WINDOW COOLER

LOOK FOR MY GOLD FOIL TAG . . . WHEN YOU BUY AIR MOVING EQUIPMENT

EQUIPPED WITH A TORRINGTON Vairified AIR IMPELLER QUIET - EFFICIENT - STURDY



Comfort FROM AIR MOVING EQUIPMENT

THE TORRINGTON MANUFACTURING COMPANY, TORRINGTON, CONNECTICUT

10 days in New England

Continued from page 158

Old North Church (1723), from which the lantern hung to warn Revere. Imagine! Under this church 1,000 early settlers lie buried!

In the afternoon you'll go to Lexington, Concord, and South Sudbury. If you drive, follow Massachusetts Avenue to Cambridge, home of Harvard and Massachusetts Institute of Technology. In Lexington visit Buckman Tavern where the Minute Men gathered. See the battleground. Visit the Munroe Tavern, used as a British hospital, and the Hancock-Clark House, where Adams and Hancock awaited Revere.

Only a few miles more and you're in Concord where the First Provincial Congress met and where the "rude bridge that arched the flood" witnessed the Battle of Concord. You can visit the homes of Emerson, Thoreau, Hawthorne, and the Alcotts. Turning south you pass Thoreau's Walden Pond, now a state park.

Then to South Sudbury to the inn immortalized by Longfellow in *Tales of a Wayside Inn*. Its ballroom, the floor suspended on springs to keep legs from tiring, its handsome bedrooms, and huge colonial kitchen will fascinate you. Nearby stands the schoolhouse to which Mary took her little lamb. There are also an old gristmill and the inn's carriage house with its Lafayette coach. And you can stay for dinner at the inn before you go back to Boston.

4th DAY

(About 100 miles.) As you leave Boston, see Bunker Hill Monument. At the Boston Navy Yard you can board the U.S. Frigate Constitution—famed Old Ironsides—and victor in over 40 hot naval engagements. Passing Revere Beach, you drive through Lynn and Swampscott to Marblehead. There you can meander through lanes lined with antique homes, distinguished doorways, fishermen's cottages, and busy boat yards.

At Salem you can't see everything, but here are suggestions—things you won't see elsewhere:

House of Seven Gables, built in 1668, containing Hawthorne relics and a secret stairway.

John Ward House, 1684. It's associated with an apothecary's shop of 1825, a "one-cent" store of 1840, a shoemaker's shop of 1830, and other attractions.

The Salem Maritime Historic Site. Here is the Old Custom House, where Nathaniel Hawthorne had his office; Derby Wharf, which was used as a base for privateering in the Revolution and War of 1812; and Derby House, the oldest brick house in Salem.

The Pioneers' Village, a Puritan settlement with its replicas of bark- and mat-covered cottages, a smithy, brick kiln, stocks, and colonial garden.

After Salem, drive along the waterfront of the famous fishing

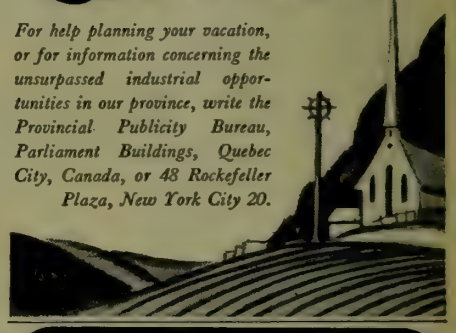


In Québec every sport is at its best!

Whether you wish to rough it in the picturesque forest and lake districts of Quebec's mountains or prefer the more formal resorts of Quebec's beautiful and unspoiled lakes and rivers, you can find in Quebec an ideal location for a truly memorable and different vacation.

LA PROVINCE DE Québec

For help planning your vacation, or for information concerning the unsurpassed industrial opportunities in our province, write the Provincial Publicity Bureau, Parliament Buildings, Quebec City, Canada, or 48 Rockefeller Plaza, New York City 20.



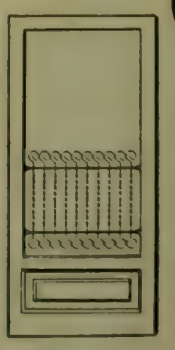
BEAUTIFY SCREEN DOORS ...Protect them, too!

FITS-ALL Adjustable Screen Door Grille

Use this beautiful grille to dress up your door and brace it too! Silvery satin finish will not rust or tarnish. Strong and sturdy, it's adjustable for windows or doors. Comes complete with screws, ready for you to install.



INSTALLED BY ANYONE IN MINUTES



Nu-WAY Screen Door Grille

You may prefer this equally sturdy and attractive style. Comes in black, flexible enamel finish. Adjustable to nearly all doors and windows. Furnished fully assembled, ready to install.

Needs no cutting or special fitting!

BOTH MAKE PERFECT WINDOW GUARDS

Manufactured by MACKLANBURG-DUNCAN CO. Oklahoma City 1, Okla.

MACKLANBURG DUNCAN CO. QUALITY PRODUCTS

SOLD ONLY THROUGH HARDWARE STORES, BUILDING SUPPLY DEALERS AND LUMBER YARDS

This book helps you take better care of your garden





It's easy, profitable, and lots of fun to take good care of your garden. Especially when you have an authoritative *Better Homes & Gardens Gardening Guide* to help you.

This complete guide to better gardening tells you what to do all season long to grow more beautiful flowers, more delicious fruits and vegetables.

You learn all about landscaping, too. How to keep your shrubs and lawns in good condition throughout the long summer months. And this Gardening Guide's special features on canning fruits and vegetables, building gates and fireplaces, arranging flowers are always timely.

HOW TO GET YOUR COPY—ask for the *Gardening Guide* at newsstands, department stores listed on page 156. Or, order direct from 7006 Meredith Bldg., Des Moines 3, Iowa. Only $1. (In Canada, $1.25)

Better Homes and Gardens



"That's odd—I could've sworn I didn't hear them whistle!"

town of Gloucester in Rockport, famous artists' colony and on to Newburyport. At Salisbury turn right to see New Hampshire's 25 miles of beautiful beaches. You enter Portsmouth, the state's only seaport, among ancient homes. Get out to walk near the heart of the city to see more old mansions.

Cross the Maine line and put up. For dinner tonight you'd enjoy Wheeler's Inn, near York.

5th DAY

(220 miles.) Turn off for York Harbor and ride north beside long beaches and picturesque rock formations until, at the Cliff House, just below Ogunquit, you park to see Bald Head Cliff, 100 feet high, a convulsed mass of ancient rock full of quartz streaks and lava extrusions. As you enter Ogunquit, see the three-mile beach backed by sand dunes and a tidal river.

At Kennebunk, just this side of the imposing colonial Unitarian Church, turn right to see beautiful mansions once owned by shipbuilders. You'll come to the famous Wedding Cake House, a simple brick home enveloped with lacy hand-carved scrollwork when a Maine swain wanted his bride to have something different.

After driving beside stately brick homes in Portland, you go through Brunswick, home of Bowdoin College. It was here Harriet Beecher Stowe wrote "Uncle Tom's Cabin." You pass through Bath, famous for shipyards, and into Wiscasset where, if you look to the left, you'll see a mammoth, white masterpiece of early home-building. Leaving Thomaston, visit Montpelier, a reproduction of the big residence of Gen. Henry Knox, Washington's Secretary of War.

Just this side of the Penobscot River, boys—big or little—will be thrilled by Fort Knox, begun in 1844 and enlarged in the 1860's against possible Confederate raiders. This huge granite structure is in a splendid state of preservation.

From here it's only a brief run into Bar Harbor. If daylight allows, take the boat ride, about an hour, in Frenchmans Bay. You'll see rocky isles over which fly eagles, cormorants, and loons, and you'll have a good look at palatial homes. Or, tonight, or tomorrow morning,

MAKERS OF FINE PLUMBING FIXTURES SINCE 1904

ELJER





"Now the boys come to breakfast smiling"

"Someone was always late for breakfast at our house . . . until we installed twin lavatories in the bathroom. Now, John and Junior come to breakfast together . . . smiling and on time."

Many families have solved the problem of a morning traffic jam in their bathroom by installing twin Eljer Lavatories . . . side by side or back to back, as illustrated above. A range of sizes and easily matched designs are available in white or beautiful pastel colors.

And, Eljer is *first* for quality. Bathtubs and kitchen sinks have a *rugged, rigid, cast-iron base* that makes possible a smooth, *extra-thick* coating of glass-like enamel that is easy to keep sparkling clean and new looking. Eljer Vitreous China Lavatories and Closet Combinations just naturally resist stains and are impervious to all ordinary acids . . . because they are *real china.* Faucets are chrome-plated, operate smoothly, and all wearing parts are easily renewable.

For a free booklet on bathroom ideas, write Eljer Co., Box 192, Ford City, Pennsylvania.



CONVENIENCE AND SAFETY . . .

Eljer's Legation Bath features an integral end-seat and a wide, front-rim seat, only 16 inches high . . . easy to step in or out and ideal for bathing children. Bottom is flat for safety's sake.

ELJER CO. FACTORIES AT: FORD CITY, PA., SALEM AND MARYSVILLE, OHIO, LOS ANGELES, CALIF.

You can't make linens cost less...but you can make them last longer!



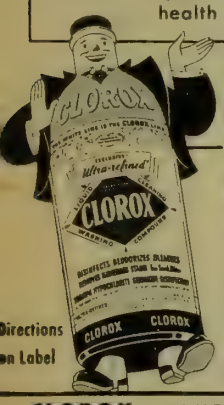
ONE WAY to beat the high cost of linens is to make the ones you have last longer! And to generations of American women that means laundering with Clorox! For Clorox extra-gently bleaches white cottons and linens snowy-white (brightens fast colors)...it lessens rubbing...saves fabrics...lets costly linens last longer! And Clorox removes stains, even scorch and mildew...makes laundry fresh-smelling, sanitary! No wonder more women use Clorox than any other product of its kind!



Clorox helps protect family health, too!

Elbow grease and good intentions aren't enough to kill germs. For sanitary cleanliness, use Clorox in routine kitchen and bathroom cleaning. Clorox not only removes stains and deodorizes, it disinfects ... provides added health protection!





Directions on Label

You get these 2 BIG EXTRAS with CLOROX

1. GENTLER BLEACHING ACTION ...longer life for linens!

2. GREATER DISINFECTING EFFICIENCY ...added health protection!

Clorox conserves costly linens and does a better job of disinfecting because it's free from caustic and other harsh substances... made by an exclusive formula protected by U.S. patent!

Copr. 1949, Clorox Chemical Co.

CLOROX ... AMERICA'S FAVORITE BLEACH AND HOUSEHOLD DISINFECTANT

give small rooms that spacious feeling with "living picture" Nurre mirrors



Even small rooms can have that feeling of spacious, gracious living when there's a Nurre "Living Picture" Mirror on the wall. A mirror—and there's an originally styled and designed Nurre mirror for every decor—adds light, depth and color to any room . . . reflects all your own personal charm and loveliness. Make your Nurre selection soon . . . framed or Venetian, plain or decorated, modern or period. Ask for Nurre "Living Picture" Mirrors—at better department and furniture stores.

*Illustrated: Model 1244, 40"x34" a Nurre "original."

THE NURRE COMPANIES, INC., BLOOMINGTON, IND.

NURRE

This name identifies genuine plate glass Nurre Mirrors. It is your assurance of the finest in quality, styling and craftsmanship. Always look for it when you buy.

10 days in New England

Continued from preceding page

drive up Cadillac Mountain, an easy ascent, where the view in all directions is superb. Huge cliffs rise out of the ocean, ancient mountains are rounded by glaciers, ocean islands are topped with firs, spruces, pines. The unique character of Mt. Desert Island, colonized by the French in 1613, caused Uncle Sam to create Acadia National Park.

(*Note:* If I had a day more I'd break the Maine Coast ride in two. First day I'd stop in York Village to visit the Old Gaol, said to be the most ancient public building in New England. I'd run out to Kennebunkport and along the ocean to Biddeford Pool. Below Portland I'd call on famous 4-mile Old Orchard Beach, summer resort for over 100 years. At Portland I'd take the Casco Bay boat ride among the islands. Next day I'd take the remaining mileage more deliberately, making more stops.)

6th DAY

About 225 more miles and you'll be at Mt. Washington in New Hampshire. You pass through Bangor and Skowhegan, and the mountains rise to greet you. At Gorham, New Hampshire, you can see practically every peak in the Presidential Range. Turn south through Pinkham Notch, a hiker's paradise and stop at Glen Ellis Falls and Jackson Falls.

Now comes the deep defile, Crawford Notch. Near Bretton Woods you make for the Base Station to ascend Mt. Washington by the granddaddy of cog railways, completed soon after the Civil War. Its comical locomotive reminds you of a grasshopper, but it will shove you right up to the top. From bare rocks, 6,288 feet above sea level, you can see most of the mountains in New Hampshire. You can stop tonight in the Summit House and have breakfast here in the morning. It will give you a sunset and a sunrise to brag about back home.

7th DAY

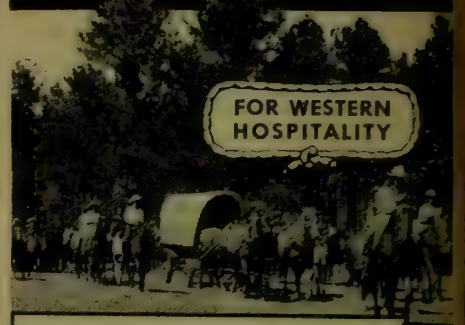
Today, splendid scenery! Franconia Notch, the East's most spec-

BETTER HOMES & GARDENS



"We're conducting a poll! To which drums are you listening?"

Come to the BLACK HILLS



A HEARTY WESTERN WELCOME awaits you in the Black Hills of South Dakota! Feel the friendly spirit in nature's wonderland. Visit Mt. Rushmore, Custer State Park, Sylvan Lake, The Needles. Join the gay fun in a rustic, pine-covered playground of cool lakes and rugged peaks. Vacation in South Dakota where hospitality has its home!

SEND FOR FREE COLORFUL BOOKLET!

Write for Free Booklet

SOUTH DAKOTA
STATE HIGHWAY COMMISSION
A. H. Pankow, Publicity Director
Pierre, South Dakota

Cool Your Home WITH A Shovelaire ATTIC FAN



EFFICIENT, ECONOMICAL TEMPERATURE CONTROL

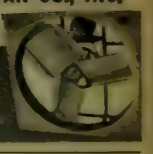
5-Year Factory Guarantee! Rubber mounted G-E or Westinghouse 110-V. A.C. Motors. Belt driven. Bronze bearings. Strong steel frames and supports. Underwriters' approved. Quiet, exclusive *Shovelaire Blades*. 8 Speeds. Priced for volume sales. F.O.B. Atlanta. See your dealer or order direct. Terms if desired.

SHOVELAIRE ATTIC FANS

Blade	Frame	Motor	Price
24"	30½" sq.	¼ HP	$ 83.25
30"	33" sq.	⅓ HP	88.50
36"	39" sq.	½ HP	93.30
42"	45" sq.	⅓ HP	118.60
48"	51" sq.	½ HP	175.80
54"	57" sq.	¾ HP	247.30

Dealers and Distributors: Write us.

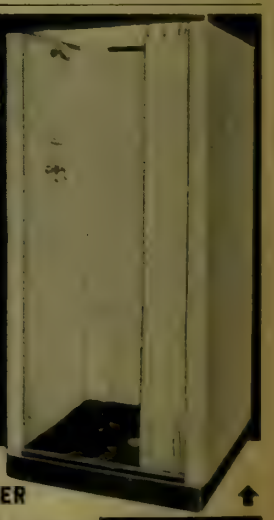
C. & H. AIR CONDITIONING FAN CO., INC.
Box 64, Station E
Atlanta Georgia



New Booklet of Table Settings. Helpful advice for selecting and properly using china, silver, glassware, and linen for every occasion. Price only 25c. Order Booklet No. 46 from 6206 Meredith Building, Des Moines 3, Iowa.

AN EXTRA BATH ONLY $49.50 Freight Prepaid

(regular $75 value) Heavy gauge Rust-proof ZINC Beautiful baked enamel finish in gray.



COMPLETE MODERN SHOWER

Easily assembled and installed anywhere. No screws or bolts. Chrome plated brass fittings adjustable shower head and mixing valve. Soap dish and Strainer. Modern plastic curtain with chrome pins. Heavy non-slip Steel Base in baked black enamel. Immediate delivery. (No C.O.D.'s)

Exactly as pictured Large size 32 x 32 inches and 76 inches high. Highest quality—modern design—baked enamel on rust proof Zinc

ORDER TODAY FILL IN COUPON

Steel Kitchen Distributing Co.
Mercantile Bank Bldg., Dallas, Texas

Ship me (freight prepaid) Shower Cabinets as advertised in Better Homes & Gardens. Enclosed is check (or money order) for $49.50 per shower as total cost to me, delivered.

Name

Address

TEETHING PAINS RELIEVED QUICKLY



WHEN your baby suffers from teething pains, just rub a few drops of Dr. Hand's Teething Lotion on the sore, tender, little gums and the pain will be relieved promptly.

Dr. Hand's Teething Lotion is the prescription of a famous baby specialist and has been used by mothers for over fifty years. One bottle is usually enough for one baby for the entire teething period.

Buy it from your druggist today

DR. HAND'S TEETHING LOTION

Just rub it on the gums

No messy suds!



Send for generous FREE sample

Guaranteed by Good Housekeeping

This wonderful new laundry detergent, complete with softener plus wetting agent, controls oversudsing, gets everything cleaner and brighter in your automatic washer. Sold nationwide at Appliance and Department Stores.

DETERGENTS, INC., Dept. B, Columbus, O.

COMPARE*

Presteline

ELECTRIC RANGES

BEFORE YOU BUY!

Larger Ovens
More Fully Automatic

*See your dealer's check list of exclusive features



take the TIME **SEE Presteline**

HOME APPLIANCES

PRESTELINE, 686 Lake Shore Drive, Chicago 11, Ill.

tacular mountain gap. It's another climb, this time by the ultramodern Cannon Mountain Aerial Tramway. It takes only 7½ minutes to hoist you to a spreading panorama of mountain scenery.

The Profile—"Old Man of the Mountain"—has brought out more cameras over more years than any other American face! This 40-foot countenance, 1,200 feet above you, exhibits its features like a matinee idol.

The Flume, at the south end of the notch, is a 700-foot-long chasm between 70-foot walls. You can walk through it easily.

Lost River. Turn off at North Woodstock to see this series of titanic potholes and glacial caverns. The river appears and disappears to emerge at the gorge as Paradise Falls. Here you'll also find 300 varieties of ferns, mosses, and flowering plants, all carefully labeled.

Passing Squam Lake you come to Lake Winnepesaukee, New Hampshire's biggest and most beautiful. Coves and bays indent its 283-mile shore line, and scenic islands rise as high as 400 feet from the water. If you've time, take the 65-mile boat ride. You sleep in or near Meredith.

8th DAY

You won't drive more than 150 miles today. After passing through Laconia, you go on through Franklin where Daniel Webster was born. It's a short run from Lebanon up to Hanover to see Dartmouth. Cross a bridge and you're in Vermont. You drive beside the serene Connecticut River, made famous by Thoreau on his canoe trip, into White River Junction.

At Woodstock are more colonial homes set amid a lush green landscape. At Sherburne Pass you enter the Green Mountains. The Long Trail Lodge may be a stopping place for lunch, and you ought, at least, to go inside this outdoor man's dream of a place. Here the Long Trail, Vermont's "footpath in the wilderness," runs north and south the length of the state.

From Rutland to Manchester you view one Green Mountain after another. In Manchester tonight be sure to take a stroll on the marble sidewalks.

9th DAY

In today's 120 miles the abundance of green-clad mountains amazes you. Vermont, they say, contains more peaks than the White, Adirondack, and Catskill systems combined. Passing through Arlington, birthplace of Ethan Allen, you enter Bennington. In 1777, on the site of the 306-foot Battle Monument, Stark's colonials defeated Burgoyne. Run out to Old Bennington to see the Old First Church and the 185-year-old Wallomsac Inn where you can sit in the very room where Allen and Stark discussed the fate of Vermont. If you like old pottery, historical manuscripts, and ancient uniforms don't miss the Bennington Historical Museum.

Going east again on the Molly Stark Trail get out for a view when you're on top of Hog Mountain. At Brattleboro you head south for Greenfield, Massachusetts, turn



These beautiful and serviceable plywoods are light, strong, versatile. They are *quality* panels, made better through the latest manufacturing and bonding processes. The fir and redwood come direct from great Pacific Coast timber stands. Other woods are drawn from the world's timber resources. For plywood you can depend on, the name to remember is Malarkey.

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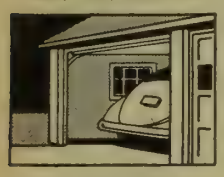
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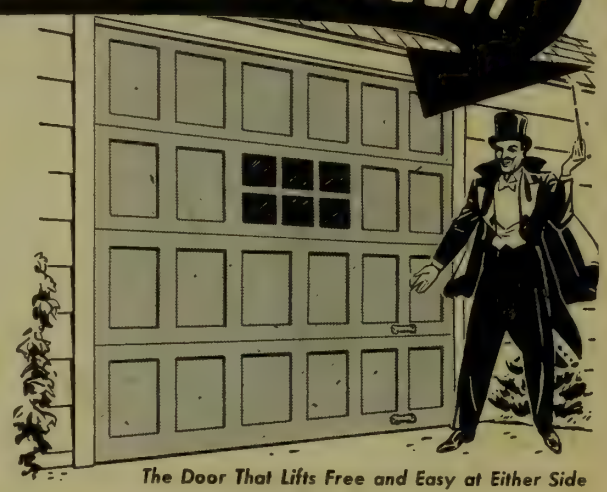
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10 days in New England

Continued from preceding page

west again on the famous Mohawk Trail through a state forest that provides some of the trail's finest scenery. Put up at Charlemont for the night and see the Inn built in 1787 when Charlemont was a major coach stop between Boston and Albany.

10th DAY

Two hundred miles more and you're home! Still on the Mohawk trail, this morning you enter North Adams where, in 1745, stood Massachusetts' westernmost fort to protect the commonwealth against the French, the Indians, and the Dutch. There's a replica of the fort which you may visit two miles out of town.

In Williamstown you drive beside the graceful buildings of Williams College, founded in 1790.

Pittsfield was a nineteenth century literary center, as was Lenox. Here, in summer, came Holmes, Hawthorne, Longfellow, Melville. If you go through Lenox in August you'll be in time for the celebrated Berkshire Symphonic Festival.

Stockbridge is where Jonathan Edwards preached to the Indians in their own tongue back in 1735. The Mission House is open to visitors.

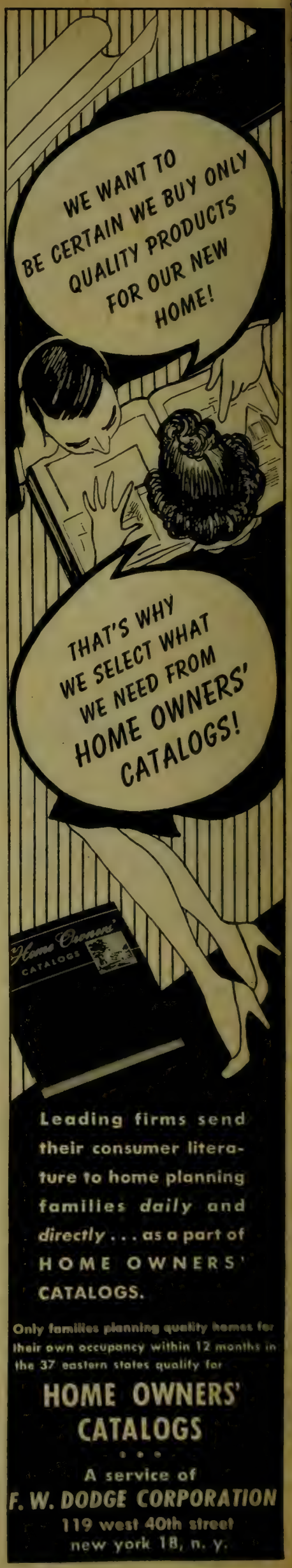
As you enter Connecticut, the hills still look pretty high. They are! Some stand 1,500 to 1,900 feet. You're beside the beautiful Housatonic River. At Kent Falls walk the trail to see the succession of cataracts which make this one of the most beautiful sights in the state. You can eat a picnic lunch here or broil a steak.

Where Route 37 joins 39, drive the west shore of 15-mile Candlewood Lake, set among more rolling hills. At Danbury you aim at the Merritt Parkway and you're home before you know it.

What's unusual about your home?

What have you done in your home to solve the problems your fellow readers are encountering, such as storage space, room for the extra guest, making rooms serve more than one purpose? Maybe you've found a good way to build on an unusual lot, to curb noise from a busy street, to make efficiency take the place of a large floor area, or achieve privacy without sacrificing sunlight.

Share your ideas! Write Building Editor, *Better Homes & Gardens*, Meredith Building, Des Moines 3, Iowa, about *your* good idea. Editorial rates will be paid for articles accepted. And don't forget to include photographs or a floor plan.



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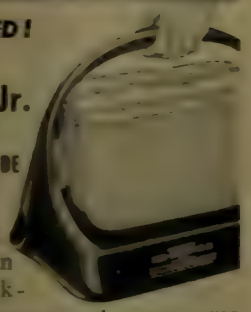
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Games to play on a trip

By Bess Ritter

If you've ever taken your children on a trip during which pauses for sight-seeing weren't possible, you know how monotonous an all-day journey can get. Boys and girls grow restless when they tire of watching the scenery. Here are some games both grownups and youngsters will enjoy. And you need no equipment other than things that you ordinarily have with you.

Geography

All you need is a book of safety matches. Tear off and throw away the striking strip at its base. Then your prop is fireproof. Say:

"I'm going to give a match to the person who can guess the country I'm thinking of." Pause. "It's a very cold place." "Siberia?" tries someone.

"No, but there's snow and lots of icebergs."

"Alaska?"

Shake your head. "But Santa Claus lives there."

Several will cry, "The North Pole!"

The one who shouts the correct answer first gets a safety match removed from the book. Now it's his turn to describe a particular place. The winner is the person who has the most matches when the game begins to drag.

Memory tester

Give each player 10 matches. The first one says: "I have an angelic face." The second says: "I have an angelic and beautiful face." The third player says: "I have an angelic, beautiful, and clever face."

And so on, down the alphabet. Any player who forgets an adjective or cannot supply a new one after a reasonable pause must forfeit one match. The one who finally has them all wins.

Word races

A wrist watch is the only prop needed for this one, but everyone must know the parts of speech. Time each player while he shuts his eyes and starts to name all the nouns he can think of. These are carefully counted by the group. Call time when one minute is up. The next player does the same thing with adjectives. The third tries adverbs, and so on. The reciter of the longest lists is declared champion. You'll be surprised to find how hard it is to think with your eyes shut.

Word quickies

If the children are young, they can still play this. Each names as

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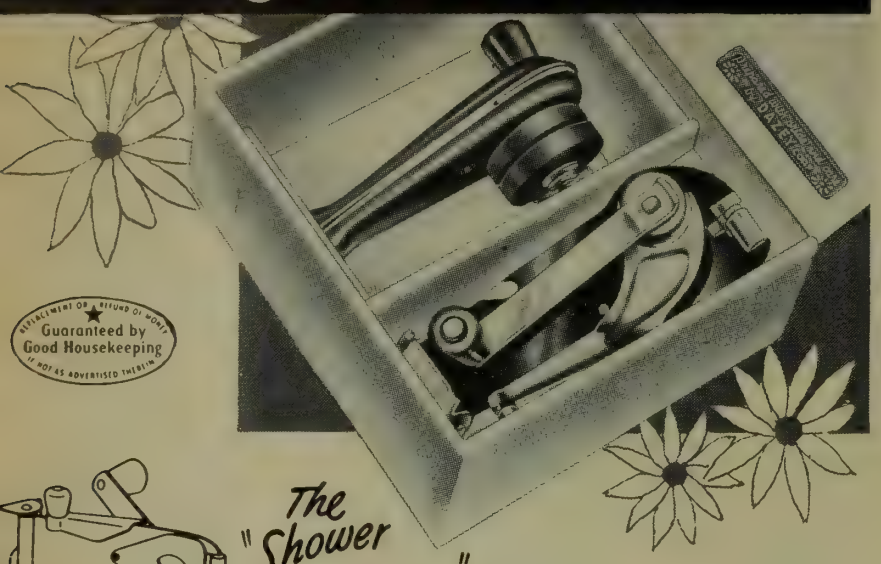
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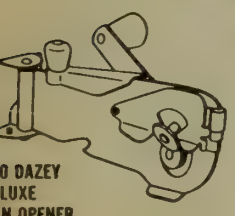


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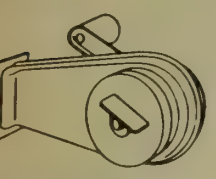
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What's That You're Saying, Don Wilson?



Don Wilson of the
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've found it, friends, I've really found it, the Raisin-Bran that n't soggy. My taster tells me Skinner's Raisin-Bran is made risper than any other Raisin Bran. Two well-known, inde-endent laboratories tested 'em all, and found the same nswer. So I said to myself, 'Don, old boy, why eat Raisin ran that's soggy, soggy, soggy when Skinner's Raisin-Bran crisper, crisper, crisper?' And, friends, I'm asking you the ame question. The best answer is to go get some crisper kinner's Raisin-Bran, and see for yourself."

Games to play on a trip

Begins on preceding page

many words as he can that begin with his own first initial. That is, Anna has just one minute, by your watch, to call out everything she can think of that begins with A. Bertha will take B. Charles, C. If clocks mean very little to your children see how many words can be shouted between red lights, telegraph poles, or yellow taxicabs.

Wit sharpener

Start with, "Why is Daddy like a table?"

Mary may answer, "Because he's strong."

John may say, "Because he's steady."

Aunty may reply, "Because he's square."

The others in turn may be compared with articles of food, dress or other inanimate objects. Because everybody loves self-analysis, this is sure to be entertaining.

Serial stories

Player number one creates a group of characters—Hero, Heroine, Villain, and Villainess. The second player makes up the story. The next player involves them in terrible trouble. The fourth gets them out of it. The fifth narrator ties up all the ends, and the story people live happily every after.

Try word games the next time you take a trip. There are types to banish restlessness for everyone—from 1 to 100!

Home furnishings answers

Q *What is the most practical way to paint the walls in my baby's nursery? Mrs. L. S., Memphis, Tennessee.*

A Paint the lower three feet of the walls a dark shade that won't show finger marks. Be sure to choose a paint that will wash easily. Then paint the upper part of walls and ceiling light, gay colors.

Q *Are there any rules for arranging beds in a bedroom? Mrs. L. J., Detroit, Michigan.*

A Your bedroom's size and shape usually determine where your bed can go. *Do* try to place the bed so the sleeper won't face the light. *Do* avoid placing the bed in the line of drafts. And *do* keep beds out of traffic lanes whenever possible. Putting beds in corners means only a little more bedmaking work—and adds lots of usable space to your bedroom.

Q *Must I use a warm wall color in a bedroom that gets little sunlight? Mrs. R. V., Cleveland, Ohio.*

A If you have used plenty of warm colors in your rugs, ceiling, and curtains, your walls can be painted or papered in a cool color. Every room needs contrast of warm and cool colors.

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Make your old kitchen look like new

By Kay Hoffer

That's what the Wellingtons did. Their old kitchen had everything! From old-fashioned sink to unhandy pantry. Below, pictures show the old kitchen, then the new

BEFORE



Inconvenient pantry storage space, makeshift worktable, sprawling radiator, too much broken wall space, old-fashioned sink—this was the old kitchen at the Wellingtons

When you study these pictures you'll see that the Frank Wellingtons of Danielson, Connecticut, used to have a big, inconvenient, and unattractive kitchen. The kind you want to close the door to when company comes. In the pictures you see first a corner of the old kitchen, then the same corner transformed. Result is a kitchen the entire family enjoys and one to *show off* to company. If you're building or remodeling your old kitchen, see if the Wellingtons have an idea here for you.

More on next page

AFTER



This is the same corner shown above. Pantry was walled over, is now a utility closet opening from the dining room. Dining-room door was moved several feet to the left to give longer working area. Picture window replaces the old double window so Mrs. Wellington has a good view of her garden and the path the youngsters take to school

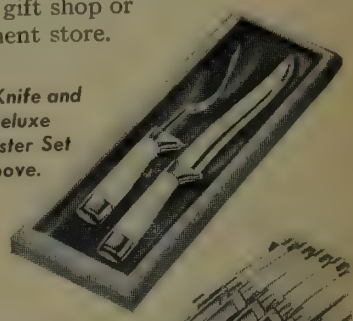


Carvel Hall Cutlery by Briddell

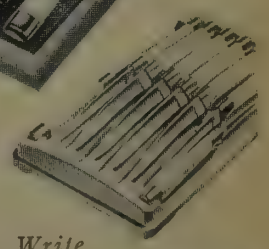
NO MATTER what the occasion, the gift selection of the smart set is lovely Carvel Hall Cutlery. It complements the finest silver, graces any table with a festive air.

Sets include handsome carving knives and forks, long thin slicers, tiny carvettes, famous Carvel Hall Steak Knives. Blades are crafted from fine chrome-vanadium cutlery steel. Handles are gleaming ivory Lustrex with sparkling trim. New sets are cased in distinctive limed-oak frames, lined with burgundy velvetyn.

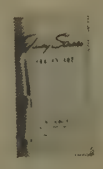
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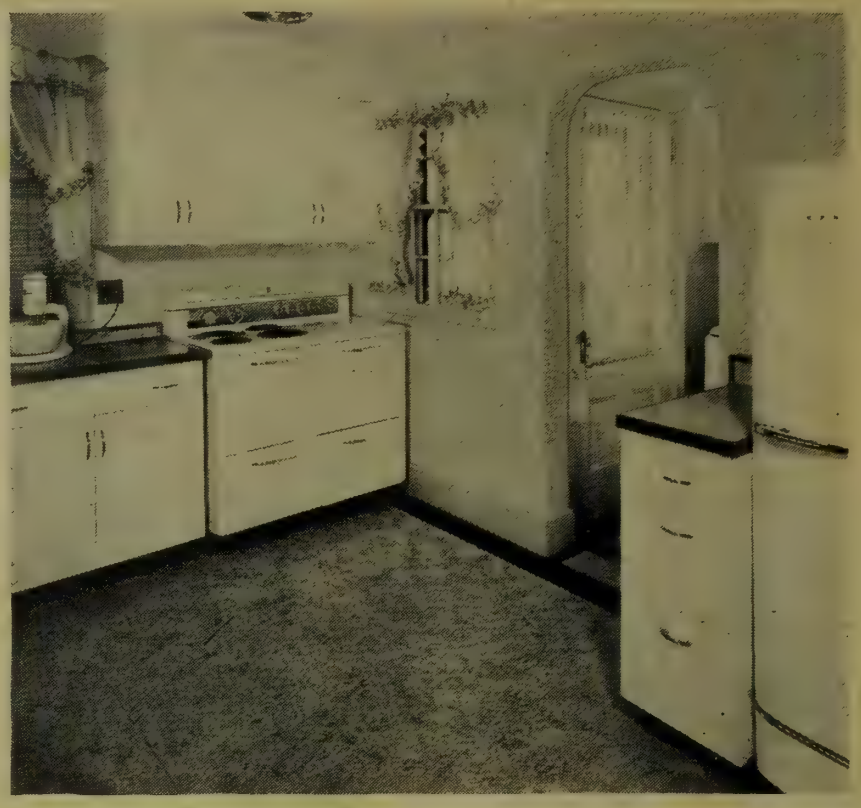
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Make your old kitchen look like new

Begins on preceding page



Steel plate on counter left of range receives hot pans. Counter top, in the foreground, receives supplies going to and from the refrigerator

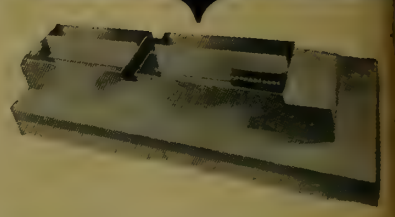


BEFORE. Kitchen table and chairs had this barren corner in the old kitchen. Now see the same corner below



AFTER. Built-in eating nook makes the corner seem an important part of the room now. Semicircular bench has ledge for kitchen telephone and knickknacks. Inset screen each end of bench is heat outlet. Circular table has acidproof and heatproof top; nearby counter speeds up serving

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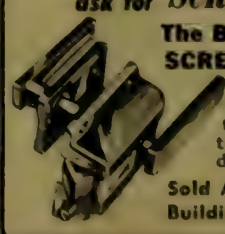
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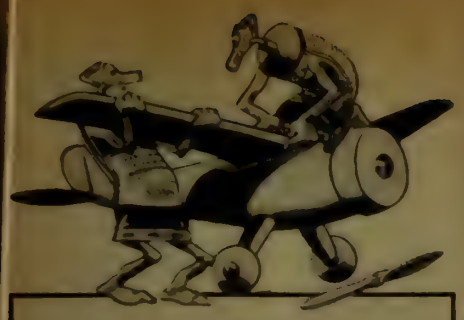


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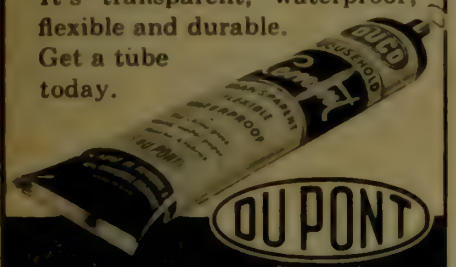
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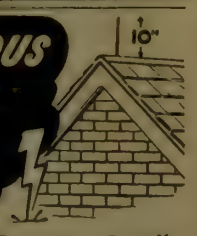
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When you have only each other

Begins on page 120

and managing that go into caring for a family, I hadn't had much time to think about Jim. I'd known that he was there—that the bills would be paid, the porch mended, the fuses fixed and the youngsters taught to skate and swim and play ball but there had not been much time to stop and look at Jim.

Now I stopped and looked. He was a little thinner on top and quite a bit more substantial around the middle. There were gray patches at his temples, lines around his eyes, and his shoulders had broadened with the load they had carried. However, he was obviously a good guy, as the children would put it, and he smiled a nice, understanding smile when he straightened out my scoring on the cribbage board. But every now and again, as I looked up at him, he'd be looking at me and there'd be a quizzical gleam in his eye, almost as though he were sizing me up. Was he perhaps? Had I been mother and manager for so long that he wondered what was left of the girl he had married? Was he wondering what I would do about the situation that we found ourselves in?

Almost a week went by before I began to find out. It was then, while shopping one day, that a display of new stamp catalogs stopped me in my tracks. Jim hadn't looked at stamps in years! But once they had been a very special weakness of his. So, one of the catalogs went home with me. I took home a brand-new hair-do, too—one that drew a swirl of waves across the back of my head and perched a silly, little bunch of curls over my forehead. Of course, Jim couldn't see the curls when he picked me up at the library, but when we got home and I took off my hat—he kissed me right on top of them.

"In appreciation of your appreciation," I laughed then, and tucked under his arm, the neat package that held the catalog.

"Why, thanks, Hon!" he exclaimed and, dropping into his big chair, he drew out his penknife and snapped the string in two.

When supper was ready, I called three times and then went to get him. He was sitting by the fire that was laid but not lit, with his book open on our cribbage table. An empty glassine envelope lay on the open book and a little pastel-colored river of postage stamps flowed across it.

"Where in the world did you get those?" I asked.

He was so completely engrossed that he jumped when I spoke. Then he smiled.

"Had 'em. See—here're some more." He put the fingers of his left hand into his vest pocket and—sure enough!—he pulled out another fat little envelope. "Just pick 'em up when I see them," he explained. And I had thought stamps

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When you have only each other

Continued from preceding page

were a thing of the past for Jim!

Of course, in a way they were because—during recent years—he had just tucked them into envelopes and boxes. Beginning that very night, he put his little envelopes into a card index and sorted his stamps into more and more envelopes. It took up a good deal of table space and couldn't be disturbed between sessions, so—that weekend—we set up an old desk in the playroom with a couple of good lights beside it. We put his catalogs and albums between book ends on the desk top, dug out an old reading glass and—after 20 years of shelving his pet hobby—Jim acknowledged it again.

He did a good deal of running up and down stairs gathering together various scattered bits of his hobby, while I sat by the desk in the playroom and laughed at him. Then, when he was making one trip to the attic, I stopped laughing. I couldn't imagine what he was bringing down, but something that was awkward to carry. I could hear it bumping against the wall as he turned the landing.

"Be careful, Jim," I called. "The paste's barely dry on that wall!"

He appeared at the top of the cellar stairs. "Sure, Hon. But you used to have a hobby, too, you know!" And there was my hooking frame. I hadn't looked at it since that dreadful time when twin cases of measles, mumps, and chicken pox came in such rapid succession that I'd wrapped it up and put it away.

"We'll be needing new rugs, anyhow," Jim half apologized, "if we give some of ours to the girls." Sure enough, we would! So, the first thing I knew, my frame was backed up to Jim's desk where the light was good, and we were both plying our hobbies for all we were worth. And—somehow with the snipping of my scissors and the rustle of Jim's turning pages, the silence that had filled the house began to disappear.

We really evolved very pleasant evenings all by ourselves—based on the premise that we enjoyed each other's company. When supper was over, we'd read the honeymooners' daily bulletin and move the colored pins that followed their trip across the face of our big, old map. Then we would settle down to work. It was fun. But it made such a very comfortable schedule that we could almost feel ourselves getting into a rut. That would never have happened in the old days because there were so many outside demands!

For years we'd been so busy with that unorganized social work necessary to the bringing up of daughters, that I'd almost forgotten about the outside work I used to do with teen-age girls. Now I dusted off my paints and brushes and began to teach stenciling one after-



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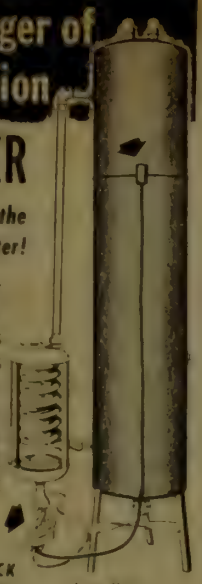
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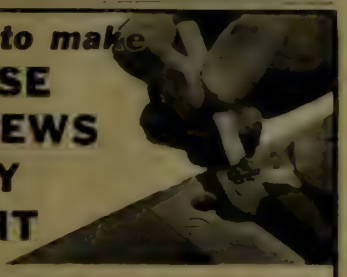


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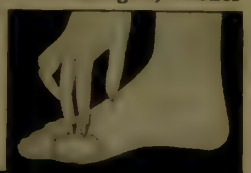
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noon a week for our neighborhood group. It was right up my alley and I loved it. At night I'd find myself telling Jim about it and about the girls. As I came to know them better, I talked about them more and more. Jim grew interested and would ask about the happenings in class before I had time to tell him. And it was entirely Jim's idea that we have a picnic for the girls. He packed the car and he built the fire in one of the parkway fireplaces. He had a beautiful time supervising the frankfurters and toasting marshmallows, and we both felt as if we'd acquired a new family.

The girls must have sensed our interest because they took to dropping in at odd hours and for no special reason. The house echoed again to the sound of real voices and laughter, and we were glad. In fact the young voices sounded so good to us that we began to wonder how it would be to hear other voices we had known. So I phoned old friends that Jim and I were all rested up and hoping that they'd come in for supper and bridge on Saturday.

Even as we reached out to the world, the world reached in to us. The phone began ringing normally again and I—busy with a boiling pot of dye for my hooking rags or a new stencil or just the hurry that is part of housekeeping when other things are calling—would dash for it before I had time to hear the echoes of voices offering to answer for me.

When I told Jim about Saturday night, he wasn't so sure. "A party!" he exclaimed. "Why? We're getting on all right. Let's let it go at that."

"We can't," I reminded him. "The Rocks and the Browns and the Westervelts have all said they'd come. We can't just tell them not to."

He shook his head. "I suppose not."

Jim had loved parties in the old days, but he didn't seem much interested in this one. However, when Saturday itself rolled around, he put leaves in the dining table for me and, sitting in the kitchen with an apron tied up under his arms, he polished the silver. After that he stood in the dining-room door watching me arrange strands of ivy among the candlesticks on the table. Suddenly I missed him, the front door slammed and I heard the car start. It seemed queer that he should be dashing off in the middle of the afternoon, like that, without even saying where to. But I was pretty busy and didn't think much about it. Then, in hardly any time at all, he was back and I knew that Jim was remembering the old days, too.

In one hand he carried a box of chocolates and in the other a long green cone of Talisman roses. My table arrangement did a disappearing act, and Jim's roses settled into the space between the candlesticks.

Our party was like any gathering of old friends. We talked in twos, threes, and fours and occasionally, the whole table talked at once. It

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When you have only each other

Continued from preceding page

was under cover of one of those conversational storms that Elaine Westervelt (whose children are also grown and gone) leaned toward me.

"My dear," she said, "you look positively happy. How can you? My house is so empty! With all of the children gone, there's nothing to do and nobody needs me. It's just the end!" She really meant it. Her mouth drooped at the corners and her brown eyes were tragically wide.

The end? Down the lane of our best crystal goblets, through the square of candlelight, over the bowl of opening rosebuds, I looked at Jim and found him looking straight at me. My breath caught in my throat. This time I didn't have to wonder what he was thinking—as I had six weeks ago. I knew! There was nothing quizzical in his glance at all. It was relaxed and content. For a split second we took satisfied stock of each other, then I turned back to Elaine.

"Why, Elaine!" I found myself saying, "Sure it's the end—of one of life's chapters. But—don't you know?—it's just the beginning of the next!"

Where to get it

Most items shown in this issue should be available in your local stores. If, however, they are not, for your store's convenience in ordering, we list the names of the companies making the items.

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Page 14. Sectional chairs and step table, dining table and chairs, desk table and chair, love seat and tub chair: Heywood-Wakefield Co., Gardner, Massachusetts. Rattan chaise longue: Ficks Reed Co., Cleveland 14, Ohio.

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Page 54. Top, Dishes: Shell edge shape, grapevine border, Wedgewood, 24 E. 54th Street, New York City. Goblet: Canterbury pattern, Duncan &

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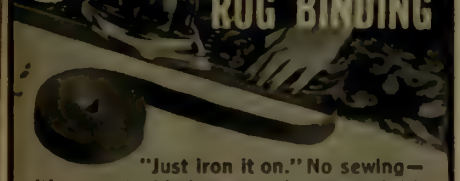
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Miller Glass Company, Washington, Pennsylvania.
Cloth and napkins: Palmer-Smith, Grove City, Pennsylvania.
Sterling: Reed & Barton's Francis First, Joseph Jewelry, Des Moines, Iowa.
Bottom, Dishes: Southern California Pottery Company, Lawndale, California.
Place mat: Dorothy Thorpe, 902 Thompson Avenue, Glendale, California.
Sterling: Mansion House pattern, Heirloom Sterling, Oneida, New York.
Tumblers: J. H. Cristil Company, Edgerton, Ohio.
Page 55. Upper left. Silver: Mansion House pattern, Heirloom Sterling, Oneida, New York.
All other items: Bullock's, Pasadena, California.
Lower left. Dishes: Vegetable Garden pattern, Salem China Company, Salem, Ohio.
Cloth: John Matouk & Company, 1 West 37th Street, New York City.
Napkin: Hand Prints by Graham, from Nannette Tebbals, 1355 Market Street, San Francisco.
Flatware: Ekco Products Company, 1949 N. Cicero Avenue, Chicago.
Tumbler and water jug: Blenko Glass Company, Milton, West Virginia.
Upper right. Dishes: Rosepath pattern, The Edwin M. Knowles China Company, Newell, West Virginia.
Place mats and napkins: John Matouk & Company, 1 West 37th Street, New York City.
Sterling: Damask Rose pattern, Heirloom Sterling, Oneida, New York.
Tumbler: Swedish Modern, Imperial Glass Company, Bellaire, Ohio.
Lower right. Dishes, place mat, and napkin: Castleton China, Inc., 212 Fifth Avenue, New York City.
Karhula crystal tumbler: Finland Ceramics & Glass Corp., 225 Fifth Avenue, New York City.

Put it on a tray

Page 78. Cheese 'n' crackers tray: Bellette, Merchandise Mart, Chicago.
Coffee tray, creamer, and sugar bowl: Bellette, Merchandise Mart, Chicago.
Coffee maker and candle warmer: Silex, most department stores.
Page 79. Lap tray: Helen Hume, Bradford, Pennsylvania.
Child's tray: Helen Hume, Bradford, Pennsylvania.
Tray threesome: Helen Hale Company, Los Angeles.

Place your dining table in front of the window

Page 206. Top picture. Furniture from Grand Rapids Bookcase and Chair Company, Grand Rapids, Michigan. Bottom picture. Furniture from Robert W. Irwin Company, Grand Rapids, Michigan.

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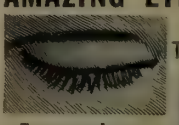
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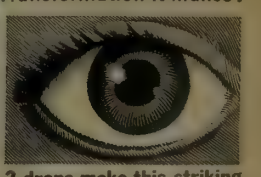
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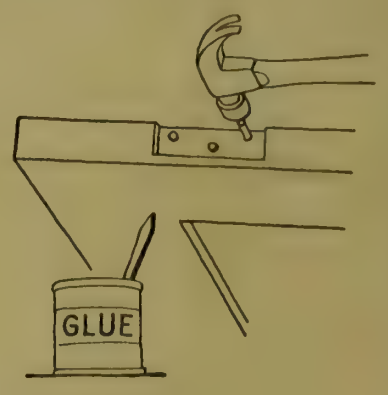
Make those doors work

By Raymond Yates

HOUSE doors that don't work properly are annoying, to say the least. Sometimes they stick. Sometimes they rattle or fail to latch. Sometimes they won't close.

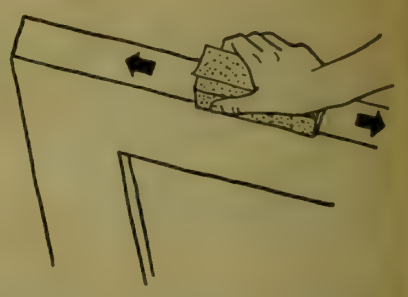
There are several causes of door ailments. Loose hinges, for example. Or settling of a house that distorts the frame of a door. Or shrinking, swelling, or warping of the door itself.

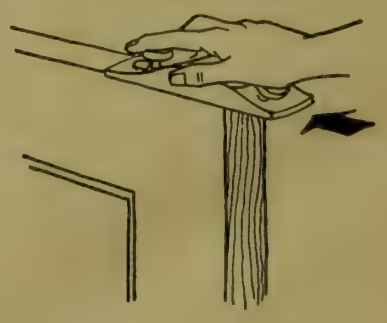
But if one or more of your doors is misbehaving, you are less interested in the cause than in what you can do about it. Fortunately, as the following sketches show, the cure for most door ailments is quick and easy.



Loose hinges. If a door sticks at one corner on the latch edge, check first to see if a hinge has worked loose. Try tightening loose hinge screws. If they won't hold, substitute longer screws. Or plug the screw holes with whittled wooden pegs dipped in glue, as sketched. Then reset the hinge with original screws driven into the pegs

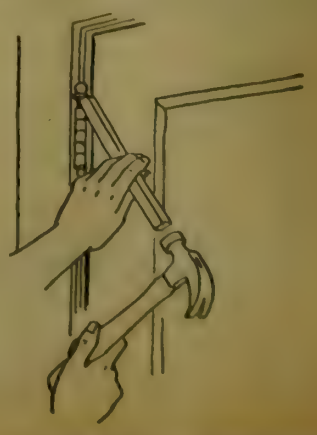
Sandpaper cure. Perhaps the hinges are tight, but a swollen door still sticks near a latch-side corner. To find the spot of contact, look for scratches in the finish. Or run a thin piece of cardboard between closed door and frame until it is stopped by the tight spot. Sand that spot with the grain, using medium-coarse sandpaper followed by fine sandpaper. Use a block



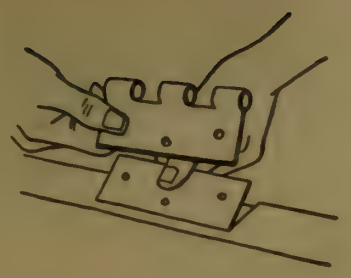


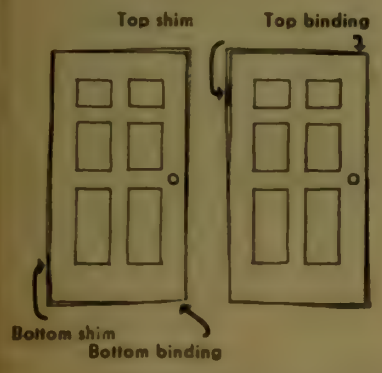
When to plane. Maybe you must remove more wood than you can conveniently take off with sandpaper. In that case shave the offending edge down with a block plane or small smoothing plane. If you work on the top edge of a door, always plane from the corner toward the center so you won't split out the edge grain

Removing a door. If you need to plane the bottom edge of a door, or work on the hinges, you'll have to take the door down. It's easy; doors weigh 20 to 40 pounds, rarely more. Open the door and block up the bottom corner on the latch side with old magazines. Then use a stick of wood and a hammer, as sketched, to tap out hinge pins. Remove bottom pin first, then top one, and door will be free. To rehang door, replace top pin first



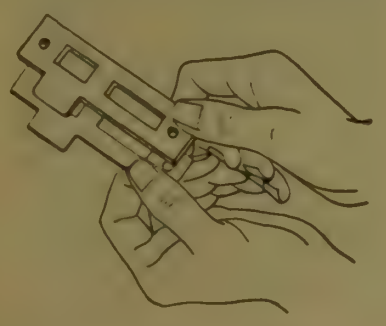
Shimming the hinges. If there is a uniform gap between door and frame on the latch side, possibly so large the latch won't catch, you can shift the whole door over. Take the door down, remove hinge leaves from the frame, and put a matching shim of cardboard behind each hinge leaf as sketched. Sometimes it is necessary to shim out the hinge leaves on door, too





Shims end binding. If a door binds at the top or bottom and you prefer not to sand or plane the edge, you often can fix it by shimming out just one hinge as sketched. Such shimming will also center a door in a distorted frame. If a door binds against hinge side, remove both sets of hinge leaves, plug holes, reset hinges a fraction of an inch closer to outside of frame

Shimming the strike plate. Instead of removing a shrunken door and shimming out hinges, you sometimes can make a latch catch in its strike plate by shimming out the plate itself. Take off plate, cut a piece of cardboard to match it, and replace the plate with the thin shim of cardboard behind it





Remodeling strike plate. If your house has settled so the latch tongue misses the opening in the strike plate, look at the plate. If scratches show only a slight adjustment is needed, remove the plate and file it to fit. You may have to chisel out a bit of wood in back of the plate so latch will enter

Relocating strike plate. If scratches on the strike plate indicate that it will have to be moved ¼ inch or more to match the latch tongue, you'll have to take the plate off and move it. Fill the old screw holes with wooden pegs dipped in glue, extend mortise in the indicated direction with a sharp chisel, and replace the plate. Then chisel out the wood behind the plate opening, and fill the exposed part of the old mortise with wood plastic until level





Shrinking the whole door. If a door binds all along latch edge, or won't close at all, it's easier to take the surplus wood off the hinge side than it is to reset the latch. Take down the door and remove the hinge leaves from the door. Then plane entire hinge side, keeping the cut square. With a sharp chisel, cut mortises for hinge leaves in exactly the same positions as before, setting them flush with the surface. Replace hinges, rehang door

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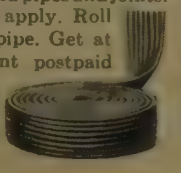
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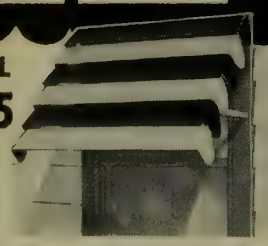
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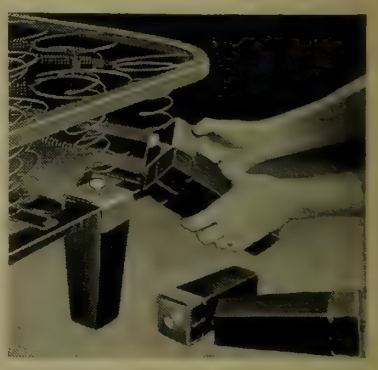
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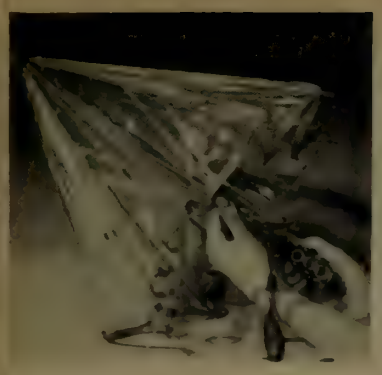
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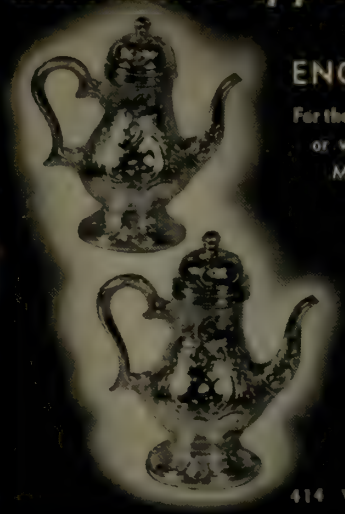
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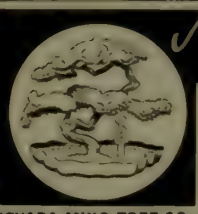
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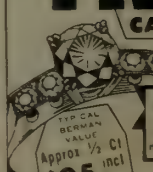
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To turn out big, fluffy omelets such as you see on the food pages of *Better Homes & Gardens*, you may want a special pan such as we show here. It's the folding kind, unavailable since before the war, that eases you through the touchiest part of omelet making and produces the kind of omelets your friends envy. The pan is polished aluminum, 10" across, with plastic handles; $2.95, ppd. The Post Mart, 260 E. 78th St., New York 21, New York.



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Bring home the bacon and all the rest of the groceries in a bright plaid shopping bag. Rayon taffeta, rubberized for durability, the bag folds to a tiny, palm-sized pack, unfolds to a roomy carrier for packages. Inside zipper pocket holds money, eliminates the need for an additional purse. *ShoPurse* shopping bag, $1.50 plus 10c postage. Dennison's, 411 Fifth Ave., New York 16, New York.

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lose holder for lawn or garden use simple to use; easy to move from ace to place. Two prongs spear nto the ground to secure the holder. lip the nozzle of the hose into the older, tilt holder to the desired ngle, and turn the water on. Holder metal, enameled in bright red for uick locating against the grass. folder, 35c; three for $1, ppd. eslie H. Johnson, 201 W. 7th St., t. Paul 2, Minnesota.





Fat little teakettle is decorative in copper for a coffee table or bookshelf, or may serve hot water at teatime. Pretty with a plant, too. A small girl could pour tea for her dollies to her heart's content. Only 3″ high, with the handle folded down, the kettle has a 2-cup capacity. Ppd., $5.75, from Welcome House, 263 Center St., Lake Geneva, Wisconsin.

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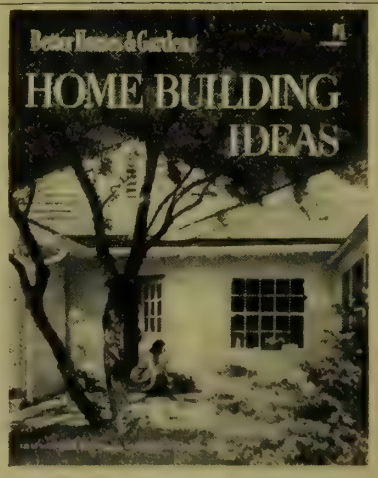


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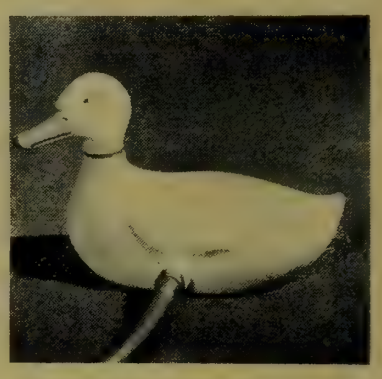
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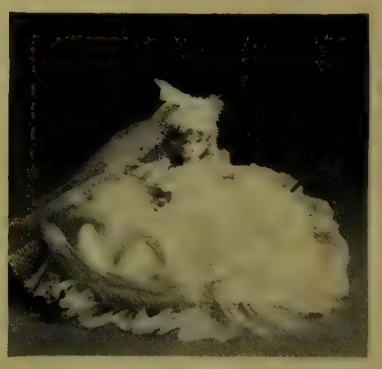
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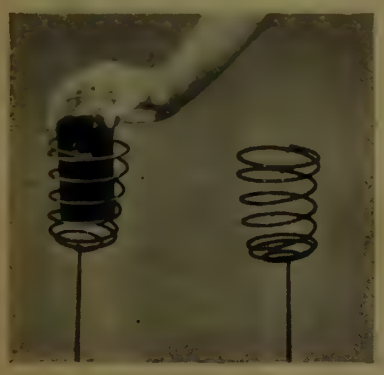
The chubby little boy blowing bubbles stands guard over your tot's laundry. The generously roomy bag is clear plastic with hand-painted design of boy or girl in pastel colors. Two special small pockets keep socks and hankies separate. Vertical opening makes it easy to tuck laundry inside. Bag is 27"x16"; suspended from a rigid rod. *Laundry Bag*, $3, ppd. Bren Linda Products, 545 Fifth Ave., New York 17, New York.



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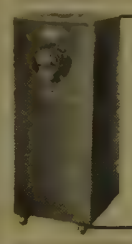
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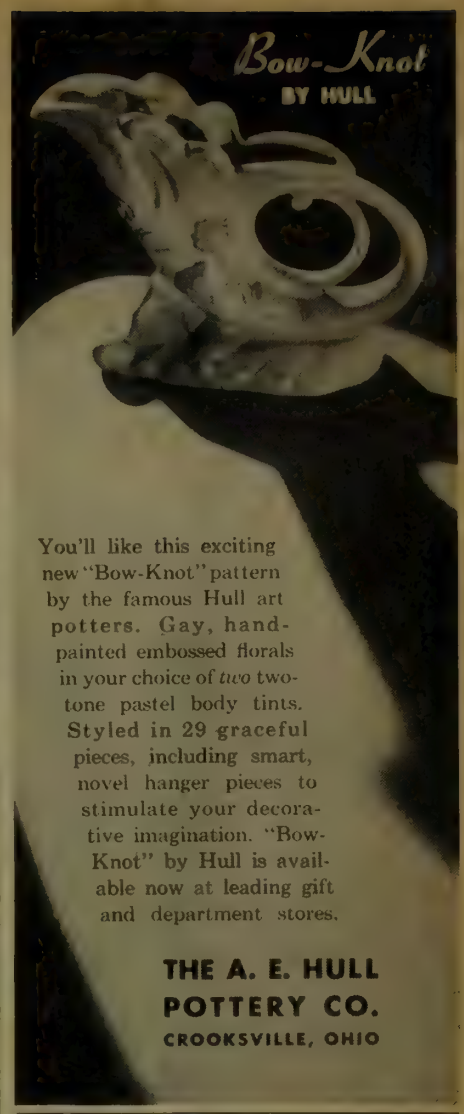
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+ + +

"I've a guilty feeling," confesses Phyllis Gowan, drying her hair in the back-yard sun, "when my kids misbehave I've helped by forgetting what I told 'em not to do."

+ + +

Don't quote me to any of your highbrow friends, but I suspect that 1,000,000 copies of a really good calendar do more for art in the home than the 10 best American art galleries.

+ + +

My neighbor, the high-powered executive in the boxy cement house, confides that a hot tub and some instrumental music do more to relax his nerves than a visit to his psychoanalyst.

+ + +

My two neighbors in the duplex around the corner torture me with opposite views of the rent control law. The landlord, who lives in one half, says it's ruining him. The tenant, in the other half, says the law's saving him from destitution. Wonder what'd happen if they swapped?

+ + +

Around our house almost every burst of originality complicates life still further. . . . We brought home some small shells from Florida and mingled 'em with the gravel in the garden path, and now (what with sharp fragments) the kids can't go barefoot the rest of the summer.

⬆ One of our town's smartest hostesses serves a tray of ice water as a sign her parties are ended. . . . She vows she'll have no guests lingering past midnight when she's invited 'em for 5 to 7 o'clock. . . . (But some of the more brazen souls merely complain the ice water's too weak.)

+ + +

I don't think we American men can achieve equality with women until it's just as important to have extra girls at a polite party as it's now considered to have extra men. (And who cares a whoop what Emily Post says!)

+ + +

The boy next door resents the tree lovers' new taboo on carving initials and hearts in the bark. Maybe it's because he suspects his more realistic girl would settle for a gold pin studded with a few gems.

+ + +

"It requires almost as much strength of character to prolong a neighborhood feud," reflects Les Gowan, bending for some torn-up arithmetic papers on his front lawn, "as it does to wind it up in a friendly way."

+ + +

Next to our refrigerator, the biggest thing we bought when we got married was our davenport, and now, I've been socked almost as much to reupholster it as it cost new. Hot tip to the June bride: Get your new davenport complete with a slipcover.

+ + +

I've found it doesn't take any longer to repaint our garden furniture than it does to play 18 holes of golf. It just seems longer. ➡

My wife twits me because one of my five favorite tunes this year is Victor Herbert's "Indian Summer."

"That's for an old man!" she says. (I can only argue in self-defense that it was one of my five favorite tunes 25 years ago, too.)

+ + +

Don't look now, but one of the 1949 crop of June brides in our block thinks the nicest wedding present from Pop would be four free years in college for the two of 'em. Pop, on the contrary, wishes she'd been interested in an older man.

+ + +

The self-made man around the corner complains that, as his children grow up, he has to give 'em bigger and bigger allowances while the chores they do get fewer and fewer. Someday he expects he'll have to give 'em each a house and lot and begin mowing *their* lawns.

+ + +

It's only one man's opinion, but from what I overhear, it strikes me that a woman who keeps her figure under control can dress better on half what it costs a stylish stout.

+ + +

Maybe it would keep your wife's luggage down to a minimum if she knew experienced travelers estimate that a woman carries three pounds of baggage for each year of her age.

+ + +

If I had to sum up all my wisdom as a householder in one final piece of advice to a young couple about to build a house, or buy one, I'd tell 'em: Better get a 5-room house on a 100-foot lot (or bigger) than a 10-room house on a 50-foot lot.

+ + +

. . . When you stand outside your doorway with your wife in the late June dusk, to see if your youngest is somewhere in sight,

. . . When your daughter discovers at 17 that she can wear the first evening dress you ever bought your wife,

. . . When your boys give a week's fishing trip with you priority over their more urgent summer plans,

. . . When you turn the wheel over to Junior for 100 miles on a vacation trip and exchange glances with his amazingly youthful mother,

. . . Then you know marriage and family life will be the golden thread in our civilization long after weekends on the moon become a bore.

